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Übersicht
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BECKER AUTOMOTIVE SYSTEMS

Service Manual

Version 1.0 - deutsch

Sound 10 ECE Typ 4103

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- *Bestückungsplan*
- *Testprogramm / Reset*
- *Code-Eingabe*
- *Technische Daten*
- *Ersatzteile*

Testprogramm

Gerät ausschalten. Gerät wieder einschalten, für ca. 4 Sekunden erscheint der Schriftzug „SOUND 10“. Danach wird die Frequenz angezeigt, dann sofort Taste A und Taste B gleichzeitig drücken. Es erscheint nochmals der Schriftzug „SOUND 10“. Mit Taste C können nachstehende Testmenüs aufgerufen werden.

A und B	gleichzeitig drücken →	SOUND 10	Becker-Testmode aktiv (nach der 2. Anzeige „SOUND 10“)
danach C	1 mal drücken →	Y 8005001	Anzeige: Gerätenummer
C	2 mal drücken →	06/00	Anzeige: aktueller Softwarestand
C	3 mal drücken →	100 KHZ	Frequenzraster FM - 100 KHZ oder 50 KHZ. Umschalten mit Taste „M“
C	4 mal drücken →	TP ON	Verkehrfunk ein/aus Umschalten mit Taste „M“
C	5 mal drücken →	GAL ON	GAL ein/aus Umschalten mit Taste M **(Funktion nicht aktiviert !)**
C	6 mal drücken →	RESET	Taste „M“ lang drücken bis Schriftzug „SOUND 10“ erscheint. Gerät schaltet danach ab.
C	7 mal drücken →	END	beendet nach ca. 8 Sekunden automatisch das Testprogramm

Codenummereingabe

Beim Wiederanklemmen des Gerätes an die Betriebsspannung erscheint im Display zunächst der Schriftzug „SOUND 10“, danach erfolgt die Aufforderung zur Eingabe der Codenummer durch den Schriftzg „CODE ✳ ✳ ✳ ✳ “.
Mit Taste „+“ jede Ziffer des Zahlencodes einstellen. Durch Drücken der Taste „M“ wird die Eingabe bestätigt. Die Eingabestelle wird automatisch durch die Bestätigung der Taste „M“ von links nach rechts weitergeschaltet. Komplette Codenummer durch langes Drücken der Taste „M“ bestätigen.

Technische Daten

Wellenbereiche:	FM 87,5 MHz - 108 MHz AM 531 kHz - 1620 kHz LW 153 kHz - 282 kHz
Senderspeicher:	je 3 Stationsspeicher in FM, FM-AS, MW, LW
Übertragungsbereich:	50 Hz - 16 kHz bei Cassetten - Betrieb 30 Hz - 15 kHz bei FM 50 Hz - 2,5 kHz bei AM, LW
EON-Funktion:	
Regionalisierung:	ein- und ausschaltbar
Autostore:	FM
Blink LED:	ein- und ausschaltbar
Ausgangsleistung:	4 x 15 Watt
Leitungsquerschnitt:	min. 0,75 mm²
Lautsprecherimpedanz:	min. 4 Ohm
Antenne:	Impedanz 50 Ohm
Telefon Mute:	Low aktiv Pegel < 2 Volt
Versorgungsspannung:	12 Volt

Blockschaltbild
Main Board 4010 - 04FL/12KL 2

Konnektor
Konnektorblock (Board 4040) 3
Konnektor-Interface (Board 4010 - 04FL/12KL)..... 4

Spannungsversorgung
UG9V; UD5V; UG5V (Board 4010 - 04FL/12KL)..... 5

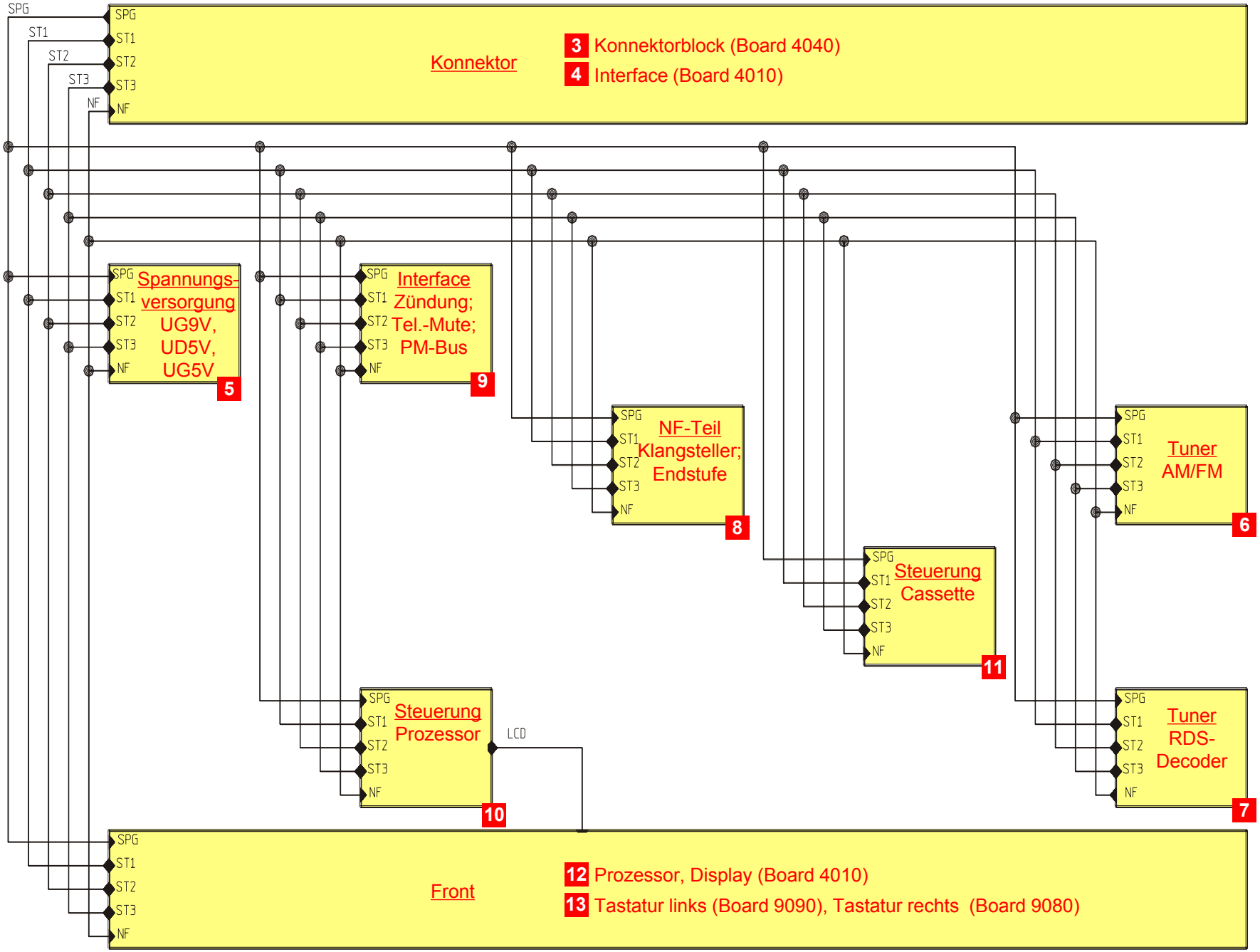
Tuner
FM / AM-Tuner (Board 4010 - 04FL/12KL) 6
RDS-Decoder (Board 4010 - 04FL/12KL) 7

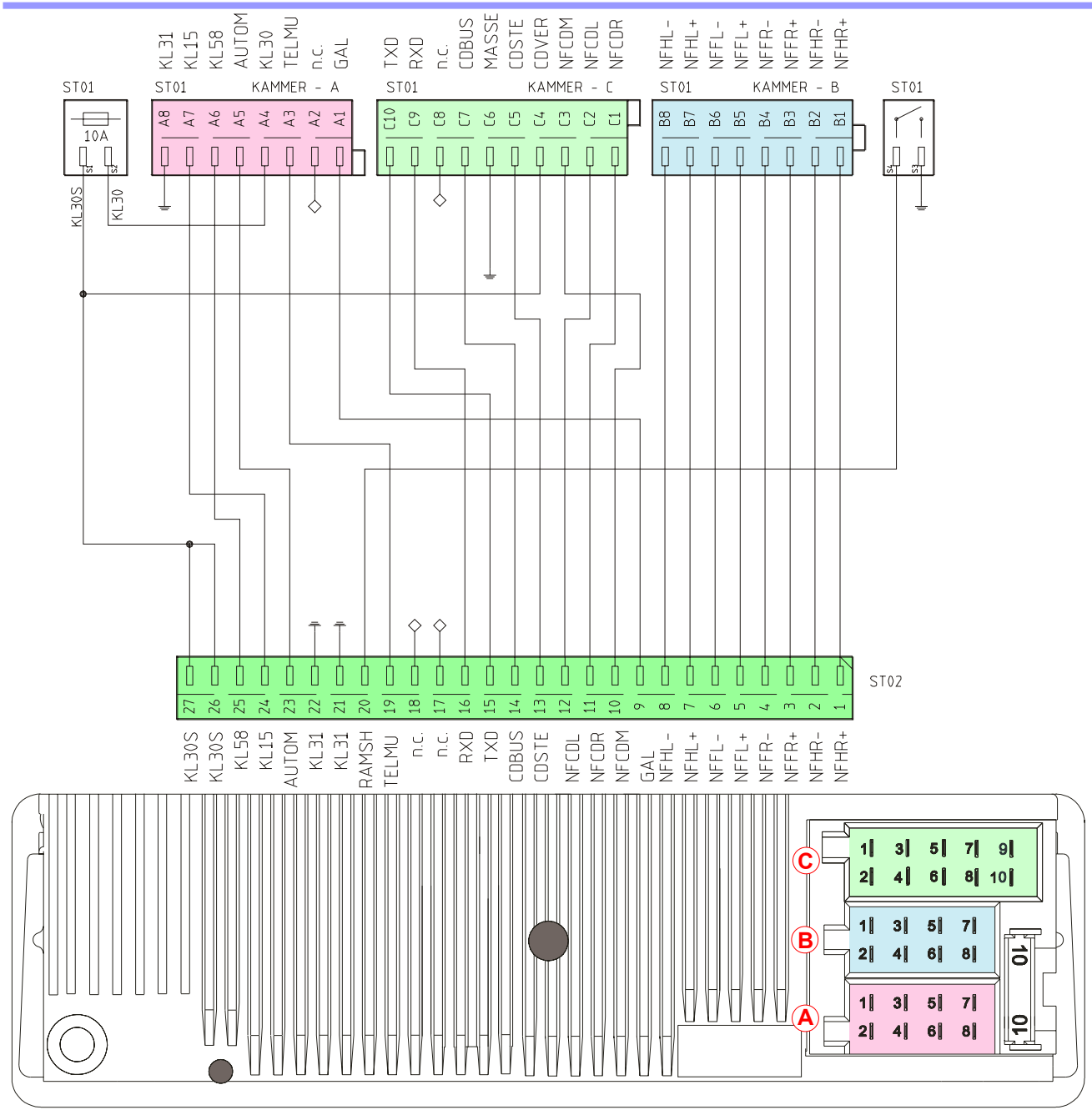
NF-Teil
Audiocontroller, NF-Endstufe
(Board 4010 - 04FL/12KL)..... 8

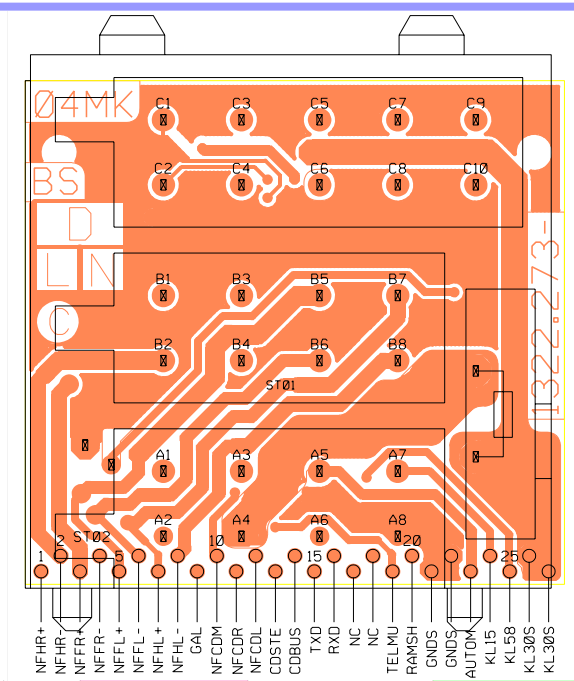
Interface
Zündung, Tel.-Mute, PM-Bus
(Board 4010 - 04FL/12KL)..... 9

Steuerung
Prozessor; EEPROM (Board 4010 - 04FL/12KL).... 10
CC-Steuerung (Board 4010 - 04FL/12KL)..... 11

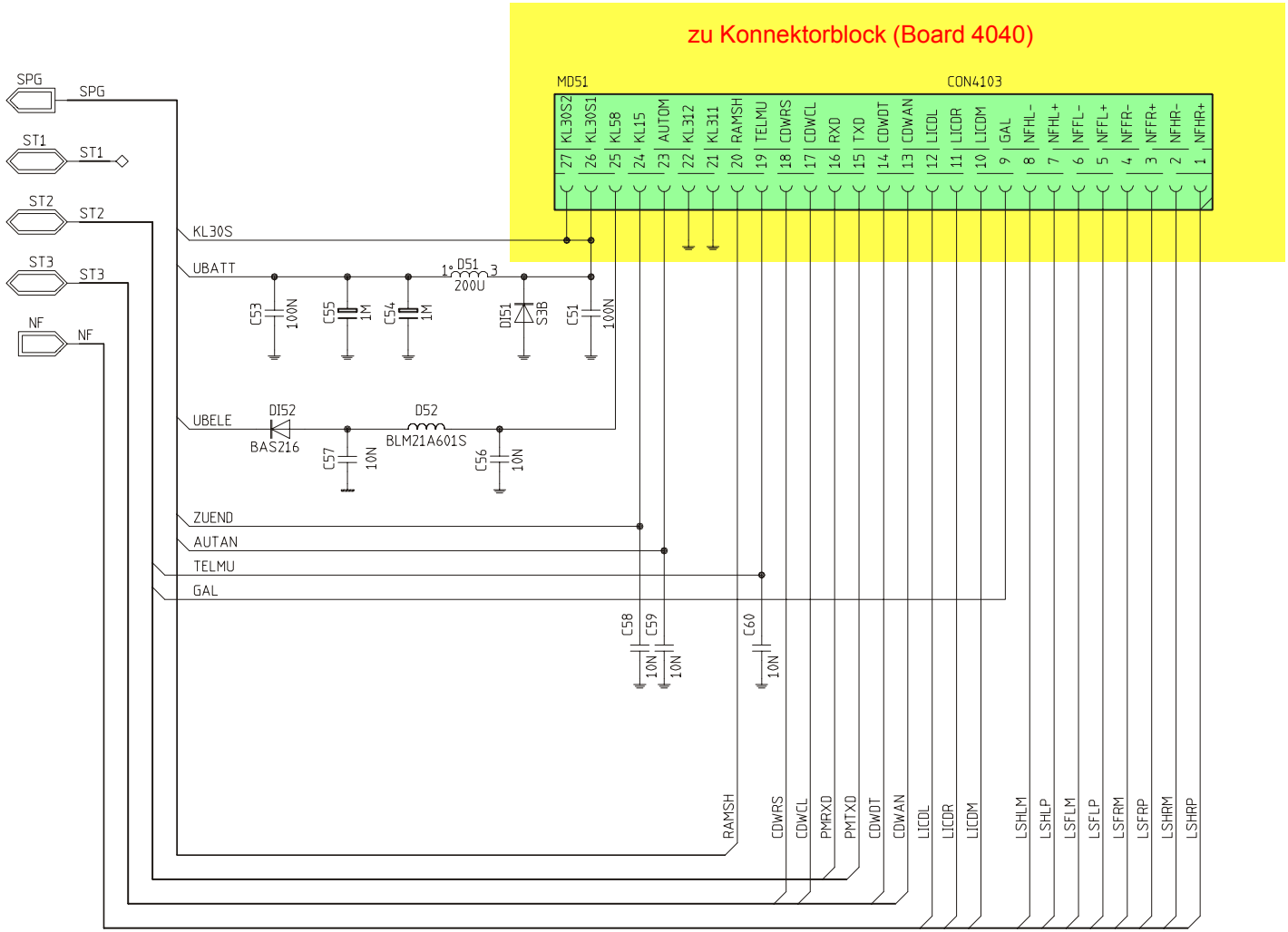
Front
Prozessor, Display (Board 4010 - 04FL) 12
Prozessor, Display (Board 4010 - 12KL) 13
Tastatur links (Board 9090), Tastatur rechts
(Board 9080) 14

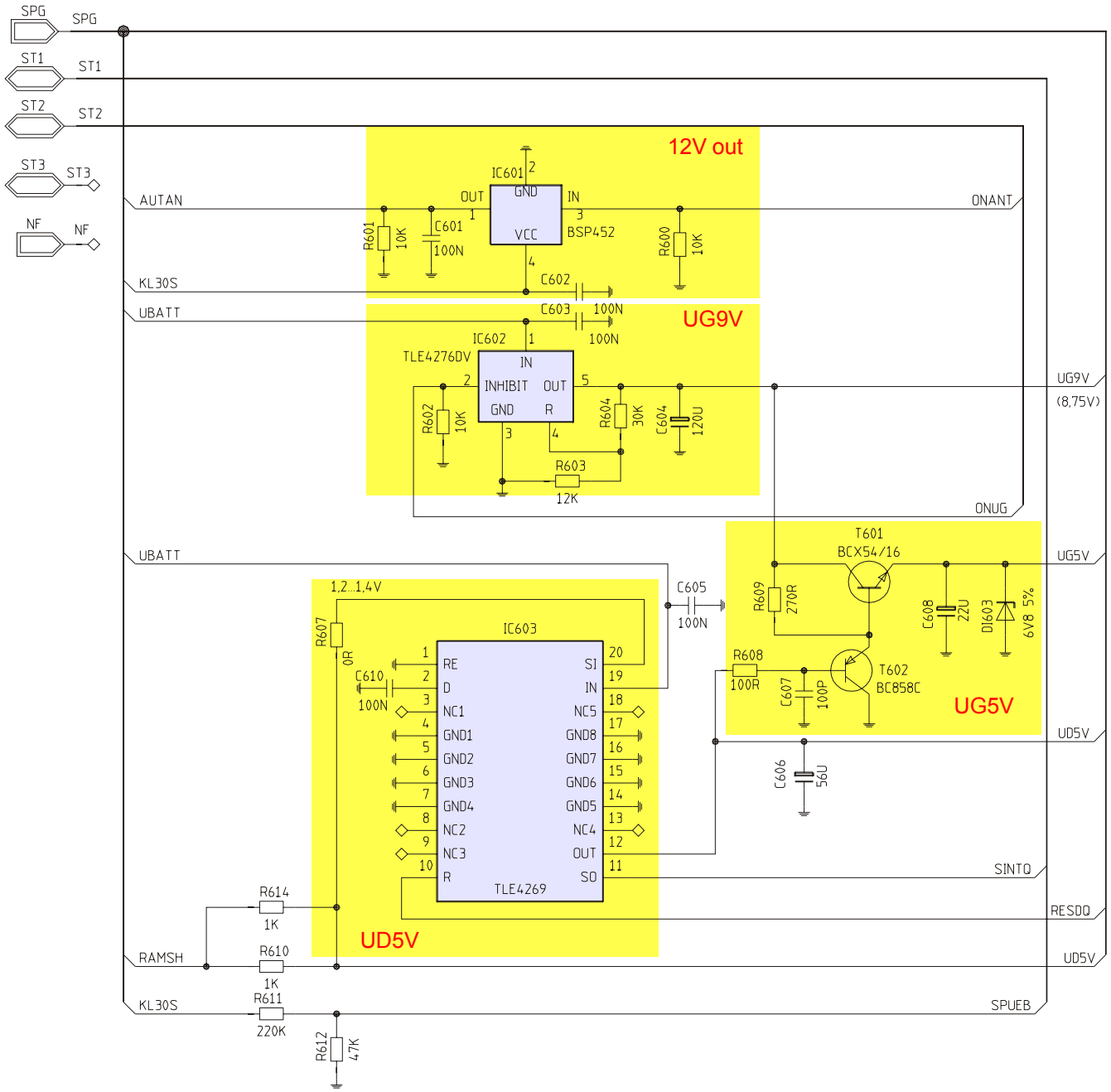

SPG
ST1
ST2
ST3
NF
Konnektor
3 Konnektorblock (Board 4040)
4 Interface (Board 4010)
Spannungs-versorgung UG9V, UD5V, UG5V
5
Interface Zündung; Tel.-Mute; PM-Bus
9
NF-Teil Klangsteller; Endstufe
8
Tuner AM/FM
6
Steuerung Cassette
11
Steuerung Prozessor
10
LCD
Tuner RDS-Decoder
7
Front
12 Prozessor, Display (Board 4010)
13 Tastatur links (Board 9090), Tastatur rechts (Board 9080)

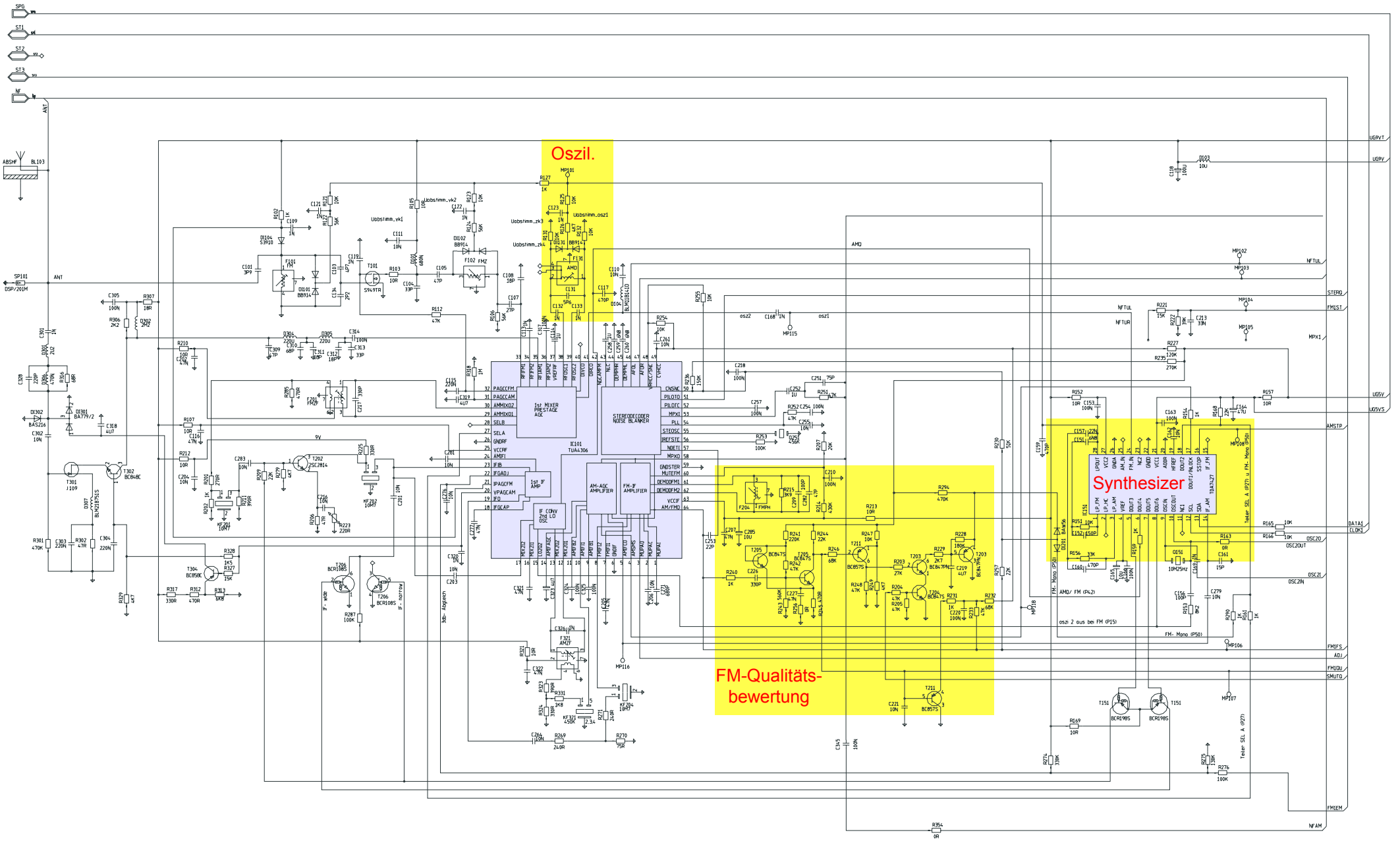

ST01
10A
KL30S
KL30
KL31 KL15 KL58 AUTOM KL30 TELMU n.c. GAL
KAMMER - A
TXD RXD n.c. CDBUS MASSE COSTE COVER NFCDM NFCDL NFCDR
KAMMER - C
NFHL- NFHL+ NFFL- NFFL+ NFFR- NFFR+ NFHR- NFHR+
KAMMER - B
ST02
27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
KL30S KL30S KL58 KL15 AUTOM KL31 KL31 RAMSH TELMU n.c. n.c. RXD TXD CDBUS COSTE NFCDL NFCDR NFCDM GAL NFHL- NFHL+ NFFL- NFFL+ NFFR- NFFR+ NFHR- NFHR+
C
B
A
1 3 5 7 9
2 4 6 8 10

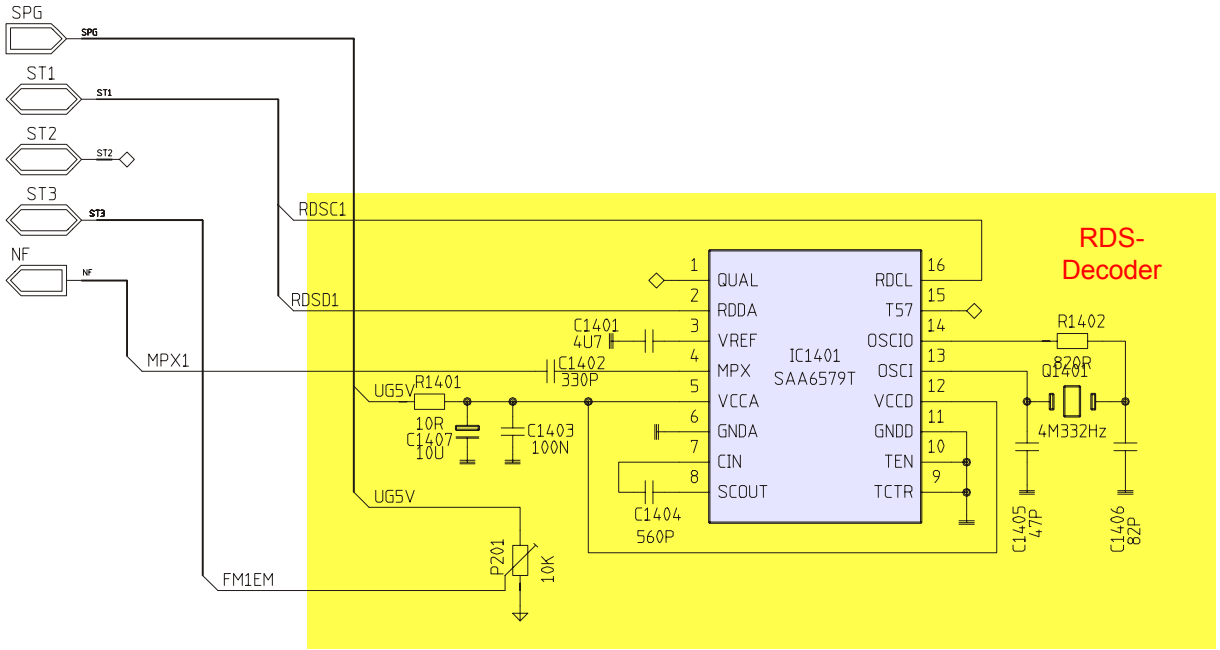


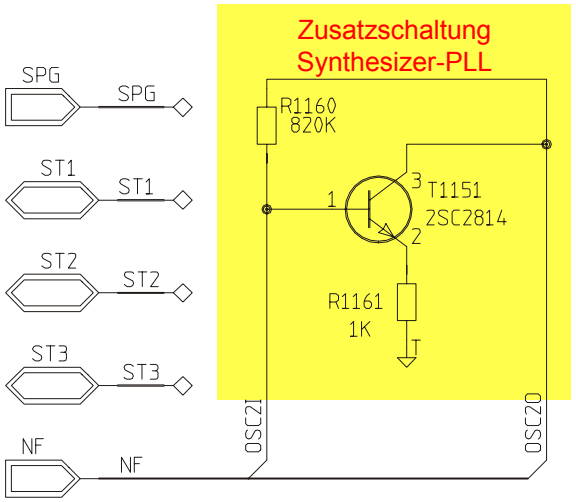
PIN	Kammer Ⓐ	Kammer Ⓑ	Kammer Ⓒ
1	GAL	Lautsprecher Heck rechts+	nicht belegt
2	nicht belegt	Lautsprecher Heck rechts -	nicht belegt
3	Telefon-Mute	Lautsprecher Front rechts+	nicht belegt
4	KL30 Batterie	Lautsprecher Front rechts -	nicht belegt
5	Steuer-ausgang12V	Lautsprecher Front links+	nicht belegt
6	KL58 Beleuchtung	Lautsprecher Front links -	nicht belegt
7	KL15 Zündung	Lautsprecher Heck links+	nicht belegt
8	KL31 Masse	Lautsprecher Heck links -	nicht belegt
9			nicht belegt
10			nicht belegt

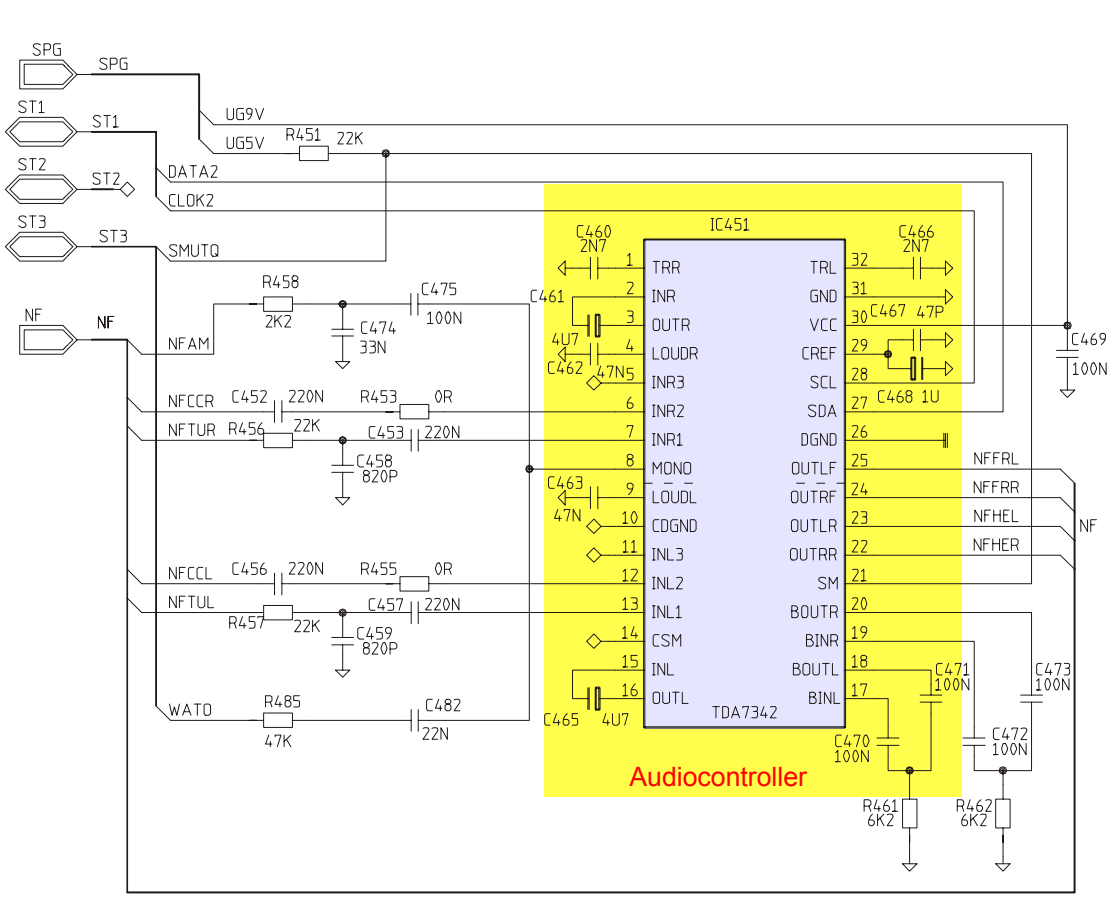

zu Konnektorblock (Board 4040)
MD51
CON4103
KL30S2
KL30S1
KL58
KL15
AUTOM
KL312
KL311
RAMSH
TELMU
CDWRS
CDWCL
RXD
TXD
CDWDT
CDWAN
LICDL
LICDR
LICDM
GAL
NFHL-
NFHL+
NFFL-
NFFL+
NFFR-
NFFR+
NFHR-
NFHR+
SPG
ST1
ST2
ST3
NF
KL30S
UBATT
UBELE
ZUEND
AUTAN
TELMU
GAL
C53 100N
C55 1M
C54 1M
D51 S3B
C51 100N
1* D51 3 200U
D52 BLM21A601S
DI52 BAS216
C57 10N
C56 10N
C58 10N
C59 10N
C60 10N
RAMSH
CDWRS
CDWCL
PMRXD
PMTXD
CDWDT
CDWAN
LICDL
LICDR
LICDM
LSHLM
LSHLP
LSFLM
LSFLP
LSFRM
LSFRP
LSHRM
LSHRP

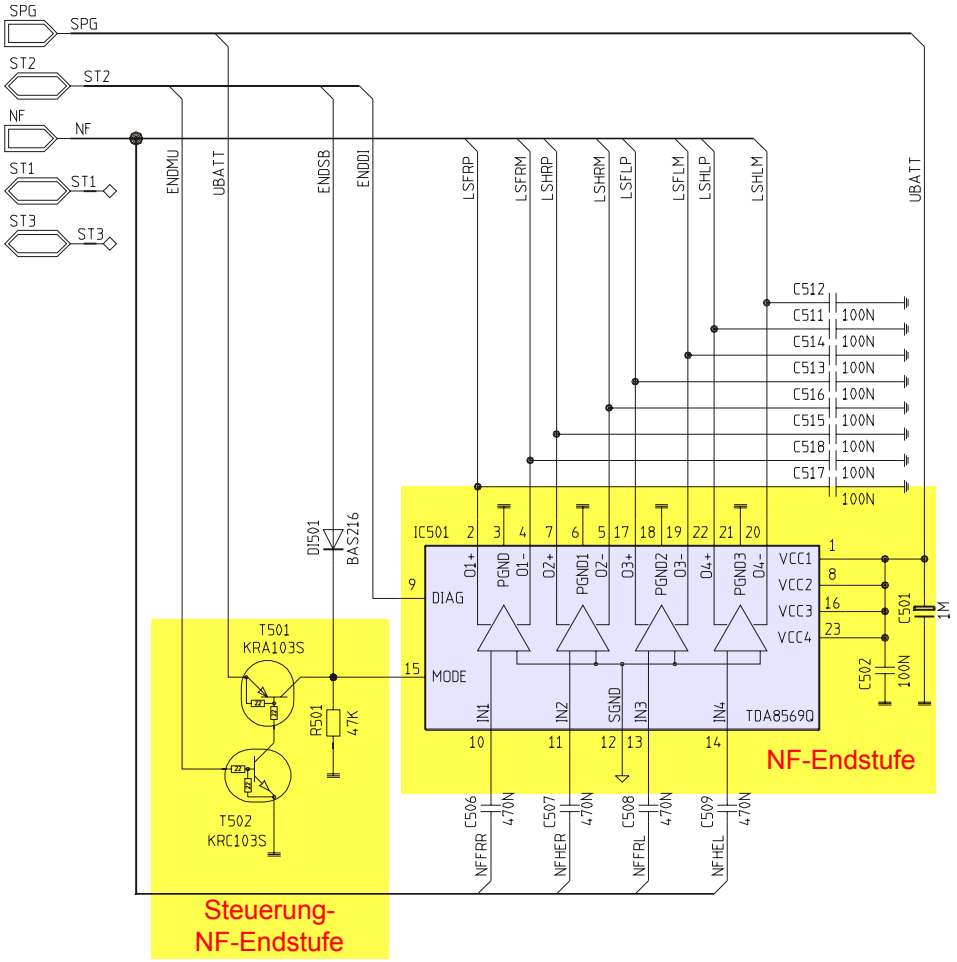

SPG
ST1
ST2
ST3
NF
AUTAN
KL30S
UBATT
12V out
IC601
GND
OUT
IN
VCC
BSP452
R601
10K
C601
100N
R600
10K
C602
ONANT
C603
100N
UG9V
IC602
TLE4276DV
IN
INHIBIT
OUT
GND
R
R602
10K
R604
30K
C604
120U
R603
12K
UG9V
(8,75V)
ONUG
T601
BCX54/16
R609
270R
C608
22U
DI603
6V8 5%
R608
100R
C607
100P
T602
BC858C
UG5V
UBATT
1.2..1.4V
C605
100N
R607
0R
IC603
C610
100N
RE
D
NC1
GND1
GND2
GND3
GND4
NC2
NC3
R
SI
IN
NC5
GND8
GND7
GND6
GND5
NC4
OUT
SO
TLE4269
UD5V
C606
56U
SINTQ
RESDQ
R614
1K
R610
1K
R611
220K
R612
47K
RAMSH
KL30S
UD5V
SPUEB

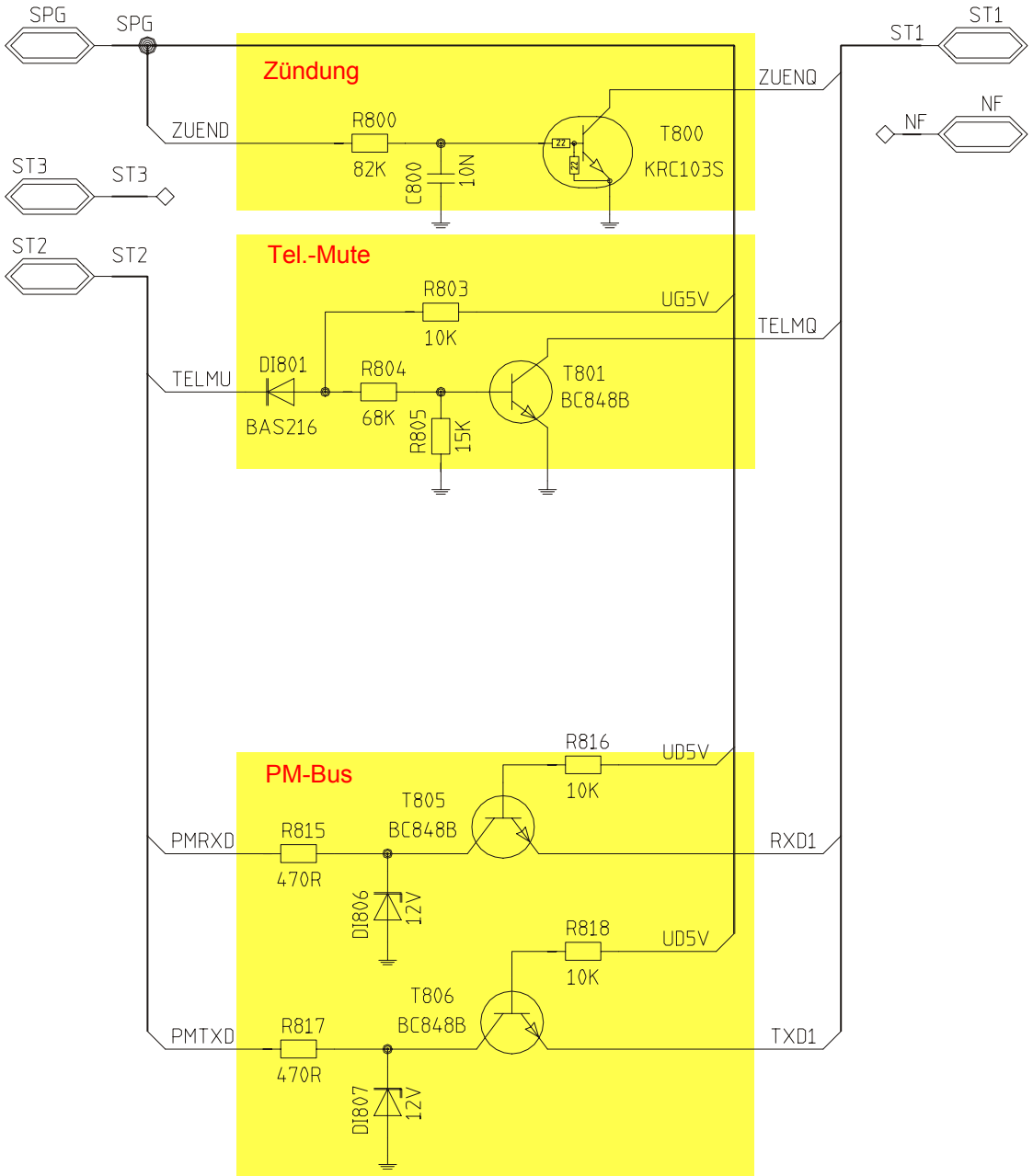

Oszil.
Synthesizer
FM-Qualitäts-
bewertung

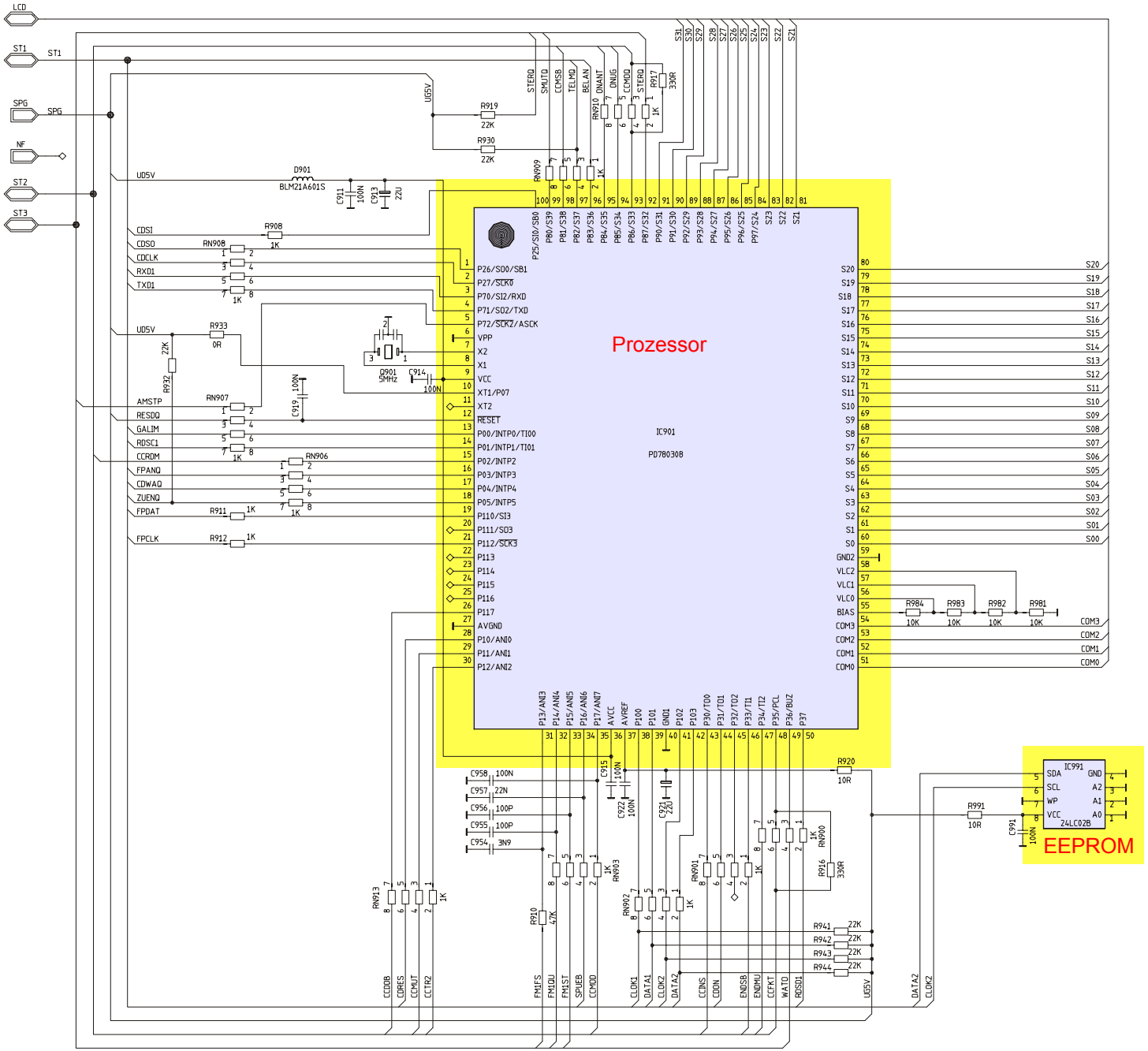

SPG
ST1
ST2
ST3
NF
MPX1
RDSC1
RDSD1
UG5V
R1401
10R
C1407
10U
C1403
100N
C1401
4U7
C1402
330P
C1404
560P
P201
10K
FM1EM
IC1401
SAA6579T
QUAL
RDDA
VREF
MPX
VCCA
GNDA
CIN
SCOUT
RDCL
T57
OSCIO
OSCI
VCCD
GNDD
TEN
TCTR
R1402
820R
Q1401
4M332Hz
C1405
47P
C1406
82P
RDS-
Decoder

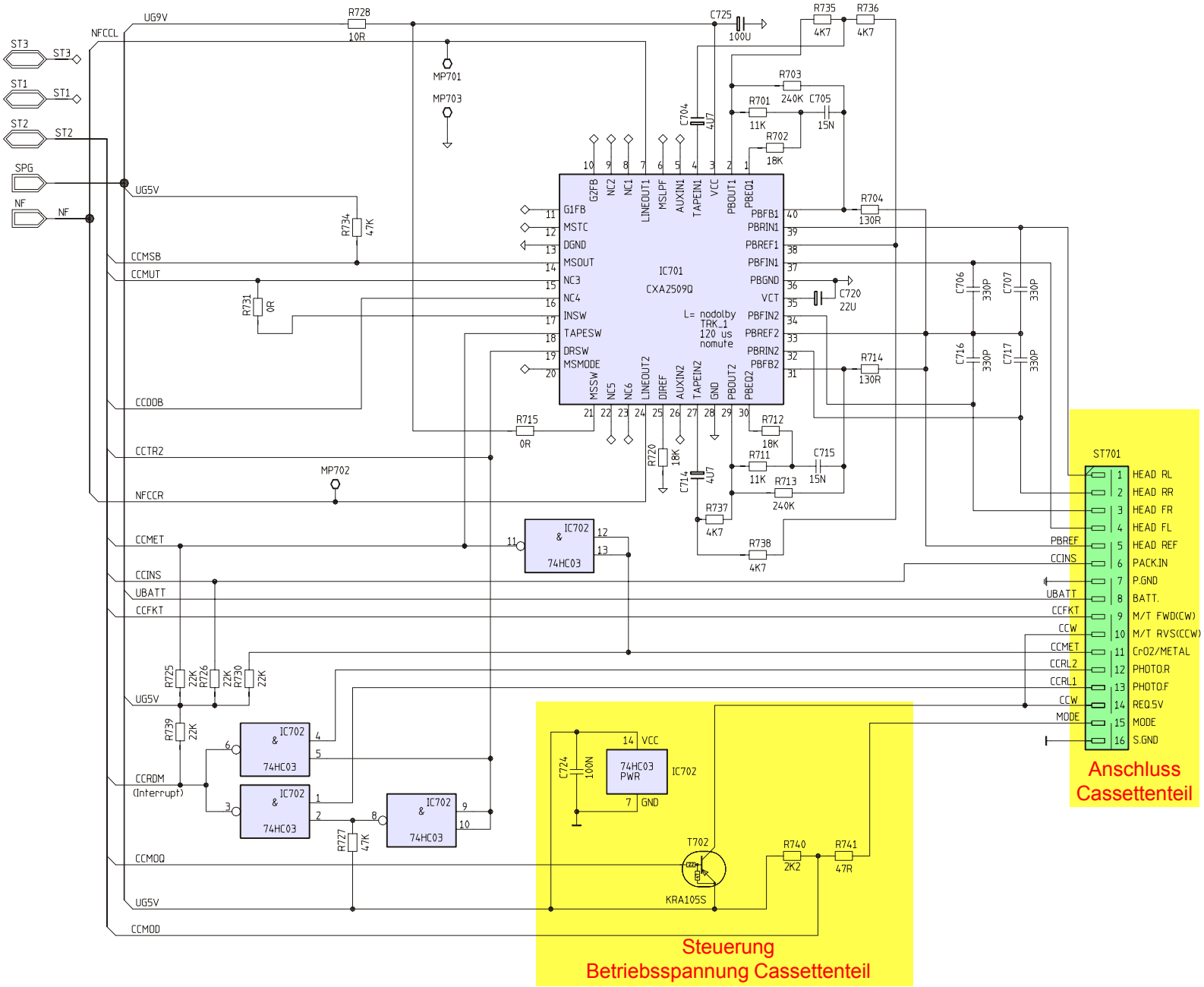

Zusatzschaltung
Synthesizer-PLL
SPG
ST1
ST2
ST3
NF
R1160
820K
T1151
2SC2814
R1161
1K
OSC21
OSC20

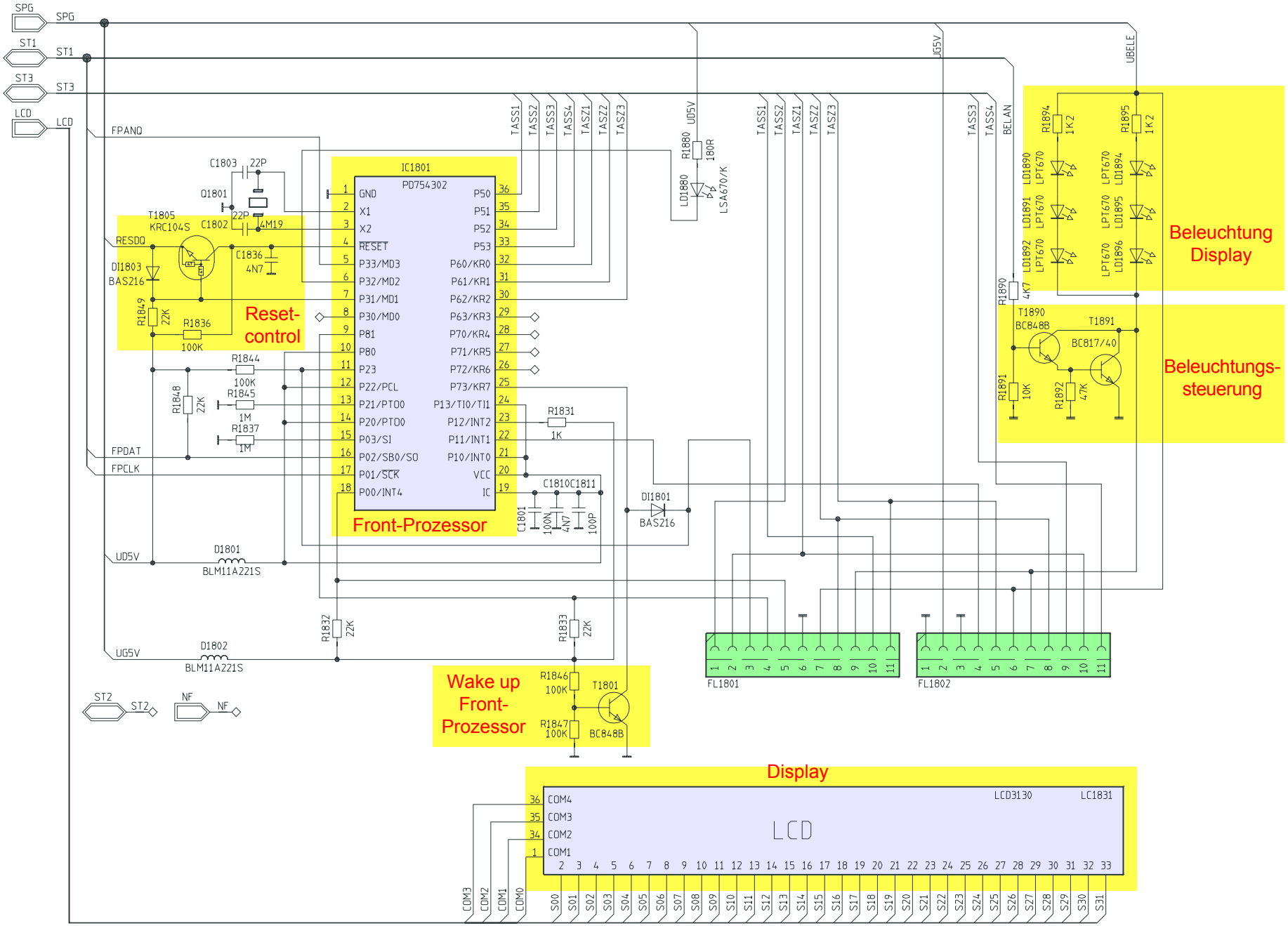

SPG
ST1
ST2
ST3
NF
UG9V
UG5V
R451 22K
DATA2
CLOK2
SMUTQ
IC451
TDA7342
TRR
INR
OUTR
LOUDR
INR3
INR2
INR1
MONO
LOUDL
CDGND
INL3
INL2
INL1
CSM
INL
OUTL
TRL
GND
VCC
CREF
SCL
SDA
DGND
OUTLF
OUTRF
OUTLR
OUTRR
SM
BOUTR
BINR
BOUTL
BINL
C460 2N7
C461
4U7
C462 47N5
C463 47N
C465 4U7
C466 2N7
C467 47P
C468 1U
C469 100N
C470 100N
C471 100N
C472 100N
C473 100N
R458 2K2
C474 33N
C475 100N
NFAM
NFCCR C452 220N R453 0R
NFTUR R456 22K C453 220N
C458 820P
NFCCL C456 220N R455 0R
NFTUL R457 22K C457 220N
C459 820P
WATO R485 47K C482 22N
R461 6K2
R462 6K2
NFFRL
NFFRR
NFHEL
NFHER
Audiocontroller

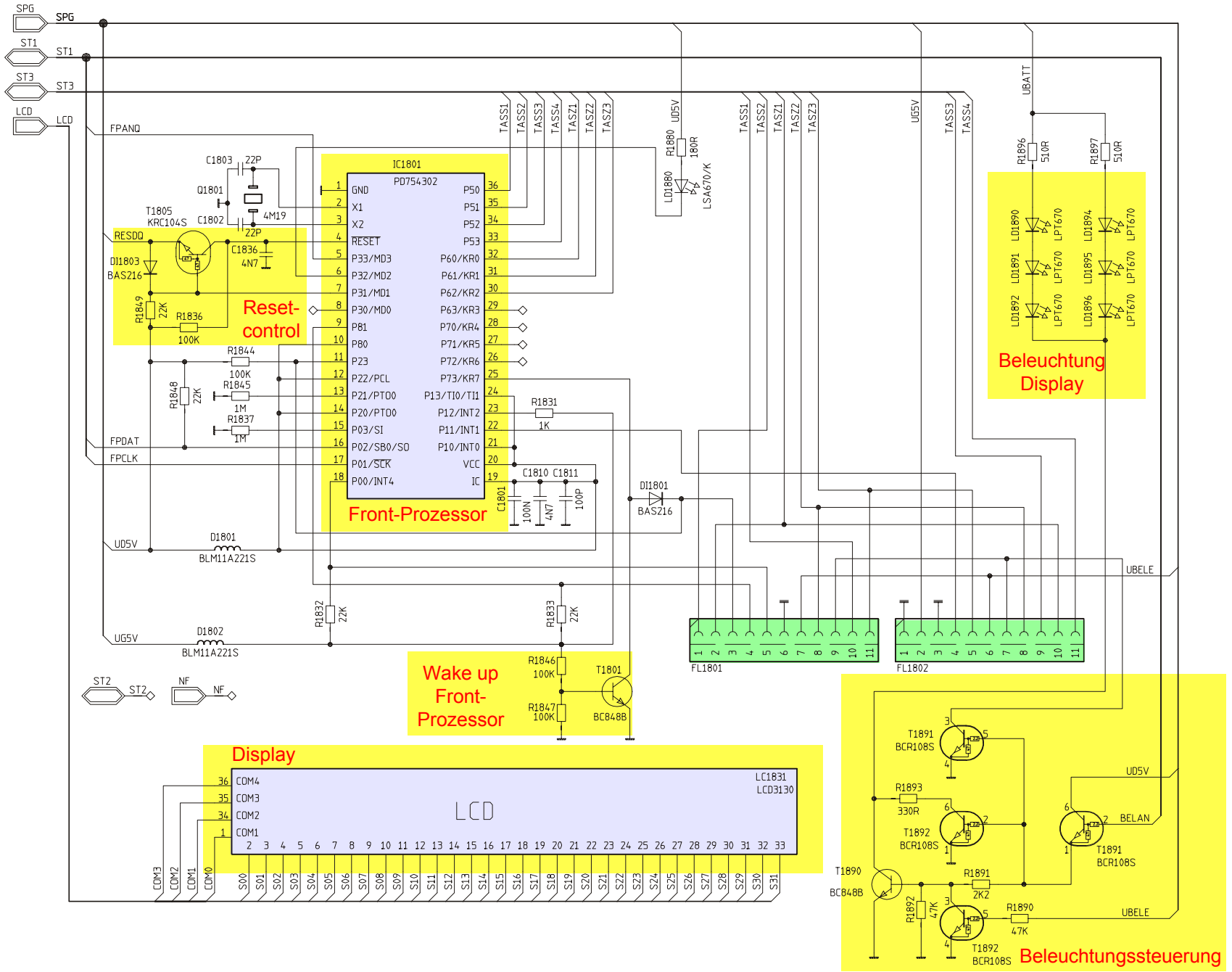

SPG
ST2
NF
ST1
ST3
ENDMU
UBATT
ENDSB
ENDDI
LSFRP
LSFRM
LSHRP
LSHRM
LSFLP
LSFLM
LSHLP
LSHLM
UBATT
D1501 BAS216
T501 KRA103S
T502 KRC103S
R501 47K
IC501
DIAG
MODE
O1+
O1-
O2+
O2-
O3+
O3-
O4+
O4-
PGND
PGND1
PGND2
PGND3
IN1
IN2
SGND
IN3
IN4
VCC1
VCC2
VCC3
VCC4
TDA8569Q
C501 1M
C502 100N
C506 470N NFFRR
C507 470N NFHER
C508 470N NFFRL
C509 470N NFHEL
C512 100N
C511 100N
C514 100N
C513 100N
C516 100N
C515 100N
C518 100N
C517 100N
100N
NF-Endstufe
Steuerung-
NF-Endstufe

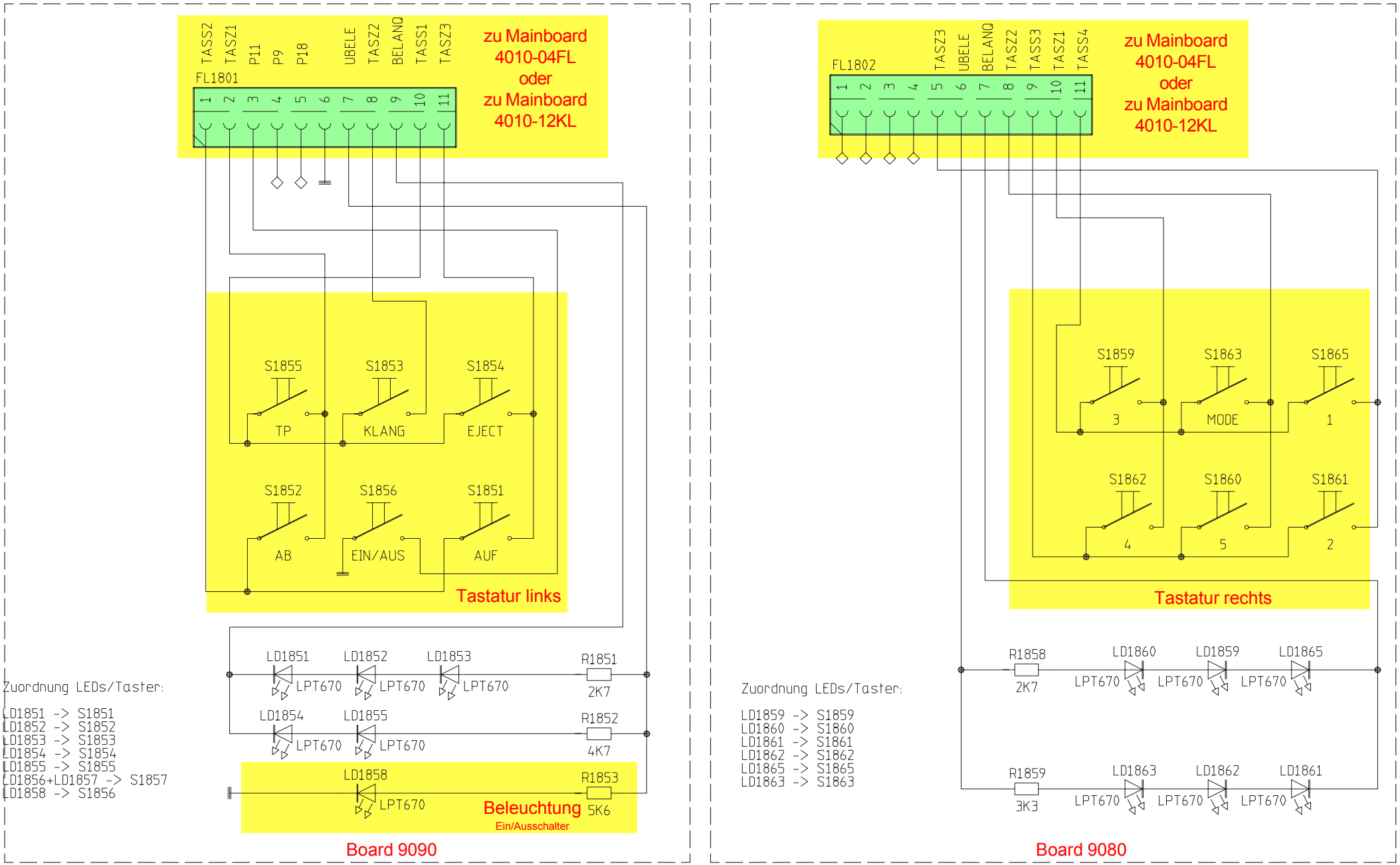

SPG
SPG
Zündung
ZUEND
R800
82K
C800
10N
T800
KRC103S
ZUENQ
ST1
ST1
NF
NF
ST3
ST3
ST2
ST2
Tel.-Mute
R803
10K
UG5V
TELMQ
TELMU
DI801
BAS216
R804
68K
R805
15K
T801
BC848B
PM-Bus
R816
10K
UD5V
T805
BC848B
PMRXD
R815
470R
RXD1
DI806
12V
R818
10K
UD5V
T806
BC848B
PMTXD
R817
470R
TXD1
DI807
12V


Prozessor
IC901
PD780308
EEPROM
IC991
24LC02B
LCD
ST1
SPG
NF
ST2
ST3
UD5V
UG5V
D901
BLM21A601S
Q901
5MHz
C911
C913
C914
C915
C919
C921
C922
R908
R911
R912
R919
R920
R930
R932
R933
R941
R942
R943
R944
RN906
RN907
RN908
RN909
RN910
RN912
RN913
RN916
RN917
CDSI
CDSO
CDCLK
RXD1
TXD1
AMSTP
RESDQ
GALIM
RDSC1
CCRDM
FPANQ
CDWAQ
ZUENQ
FPDAT
FPCLK
P25/SI0/SB0
P26/SO0/SB1
P27/SCK0
P70/SI2/RXD
P71/SO2/TXD
P72/SCK2/ASCK
VPP
X2
X1
VCC
XT1/P07
XT2
RESET
P00/INTP0/TI00
P01/INTP1/TI01
P02/INTP2
P03/INTP3
P04/INTP4
P05/INTP5
P110/SI3
P111/SO3
P112/SCK3
P113
P114
P115
P116
P117
AVGND
P10/AN10
P11/AN11
P12/AN12
P13/AN13
P14/AN14
P15/AN15
P16/AN16
P17/AN17
AVCC
AVREF
P100
P101
GND1
P102
P103
P30/TO0
P31/TO1
P32/TO2
P33/TI1
P34/TI2
P35/PCL
P36/BUZ
P37
S0
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
S12
S13
S14
S15
S16
S17
S18
S19
S20
S21
S22
S23
S24
S25
S26
S27
S28
S29
S30
S31
GND2
VLC2
VLC1
VLC0
BIAS
COM3
COM2
COM1
COM0
R984
R983
R982
R981
R991
C991
C954
C955
C956
C957
C958
SDA
SCL
WP
VCC
GND
A2
A1
A0
STERQ
SMUTQ
COMSB
TELMQ
BELAN
DNANT
DNUG
COMOD
CCOOB
CDRES
CCMUT
CCTR2
FM1FS
FM1DU
FM1ST
SPUEB
COMOD
CLOK1
DATA1
CLOK2
DATA2
CCINS
CDON
ENDSB
ENDMU
CCFKT
WATO
RDSDI


IC701
CXA2509Q
L= nodolby
TRK_1
120 us
nomute
IC702
74HC03
IC702
74HC03 PWR
T702
KRA105S
ST701
1 HEAD RL
2 HEAD RR
3 HEAD FR
4 HEAD FL
5 HEAD REF
6 PACK.IN
7 P.GND
8 BATT.
9 M/T FWD(CW)
10 M/T RVS(CCW)
11 CrO2/METAL
12 PHOTO.R
13 PHOTO.F
14 REQ.5V
15 MODE
16 S.GND
Anschluss
Cassettenteil
Steuerung
Betriebsspannung Cassettenteil

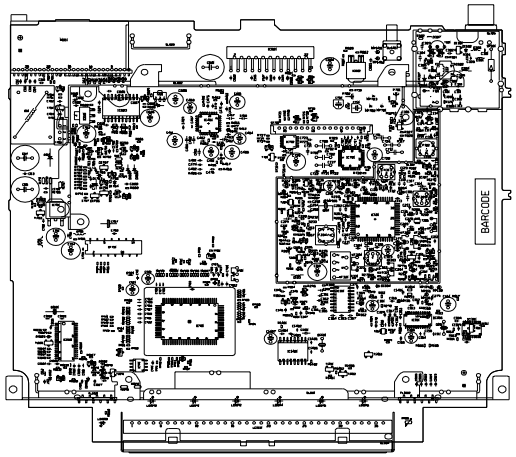

SPG
ST1
ST3
LCD
FPANQ
IC1801
PD754302
Front-Prozessor
Reset-control
Beleuchtung Display
Beleuchtungs-steuerung
Wake up Front-Prozessor
Display
LCD3130
LC1831
FL1801
FL1802
FPDAT
FPCLK
UD5V
UG5V
UBELE
BELAN
ST2
NF


SPG
ST1
ST3
LCD
FPANQ
IC1801
PD754302
Front-Prozessor
Reset-control
RESDQ
Q1801
4M19
C1803 22P
C1802 22P
T1805 KRC104S
DI1803 BAS216
R1849 22K
R1836 100K
C1836 4N7
R1844 100K
R1845 1M
R1837 1M
R1848 22K
FPDAT
FPCLK
R1831 1K
C1810 C1811
C1801 100N 4N7 100P
DI1801 BAS216
UD5V
D1801 BLM11A221S
UG5V
D1802 BLM11A221S
R1832 22K
R1833 22K
Wake up Front-Prozessor
R1846 100K
R1847 100K
T1801 BC848B
ST2
NF
Display
LC1831 LCD3130
LCD
TASS1 TASS2 TASS3 TASS4 TASZ1 TASZ2 TASZ3
R1880 180R
LD1880 LSA670/K
UBATT
R1896 510R
R1897 510R
LD1890 LD1891 LD1892 LD1894 LD1895 LD1896
LPT670
Beleuchtung Display
UBELE
FL1801
FL1802
T1891 BCR108S
R1893 330R
T1892 BCR108S
T1890 BC848B
R1891 2K2
R1892 47K
R1890 47K
BELAN
Beleuchtungssteuerung


TASS2
TASZ1
P11
P9
P18
UBELE
TASZ2
BELANQ
TASS1
TASZ3
FL1801
1 2 3 4 5 6 7 8 9 10 11
zu Mainboard
4010-04FL
oder
zu Mainboard
4010-12KL
S1855
S1853
S1854
TP
KLANG
EJECT
S1852
S1856
S1851
AB
EIN/AUS
AUF
Tastatur links
LD1851
LD1852
LD1853
LPT670
LPT670
LPT670
R1851
2K7
LD1854
LD1855
LPT670
LPT670
R1852
4K7
LD1858
LPT670
R1853
Beleuchtung
Ein/Ausschalter
5K6
Zuordnung LEDs/Taster:
LD1851 -> S1851
LD1852 -> S1852
LD1853 -> S1853
LD1854 -> S1854
LD1855 -> S1855
LD1856+LD1857 -> S1857
LD1858 -> S1856
Board 9090
FL1802
TASZ3
UBELE
BELANQ
TASZ2
TASS3
TASZ1
TASS4
1 2 3 4 5 6 7 8 9 10 11
zu Mainboard
4010-04FL
oder
zu Mainboard
4010-12KL
S1859
S1863
S1865
3
MODE
1
S1862
S1860
S1861
4
5
2
Tastatur rechts
R1858
2K7
LD1860
LD1859
LD1865
LPT670
LPT670
LPT670
R1859
3K3
LD1863
LD1862
LD1861
LPT670
LPT670
LPT670
Zuordnung LEDs/Taster:
LD1859 -> S1859
LD1860 -> S1860
LD1861 -> S1861
LD1862 -> S1862
LD1865 -> S1865
LD1863 -> S1863
Board 9080

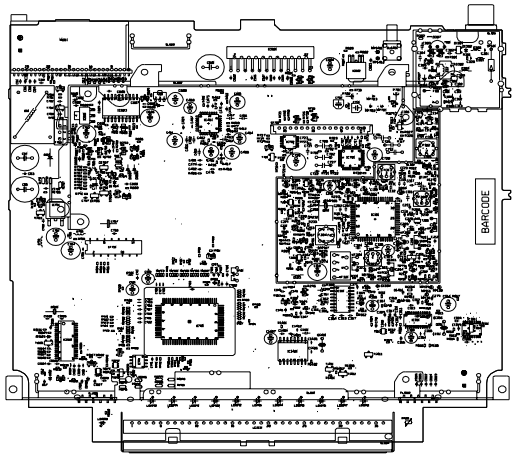
4010 Main Board

Main Board BS-04FL 2



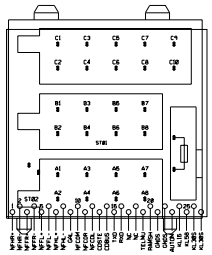
4010 Main Board

Main Board BS-12KL 3



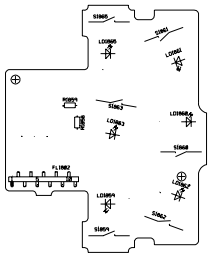
4040 Konnektor

Konnektor 4040 BS-04MK 4

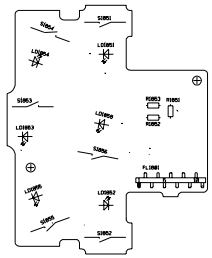


9080/9090 Front

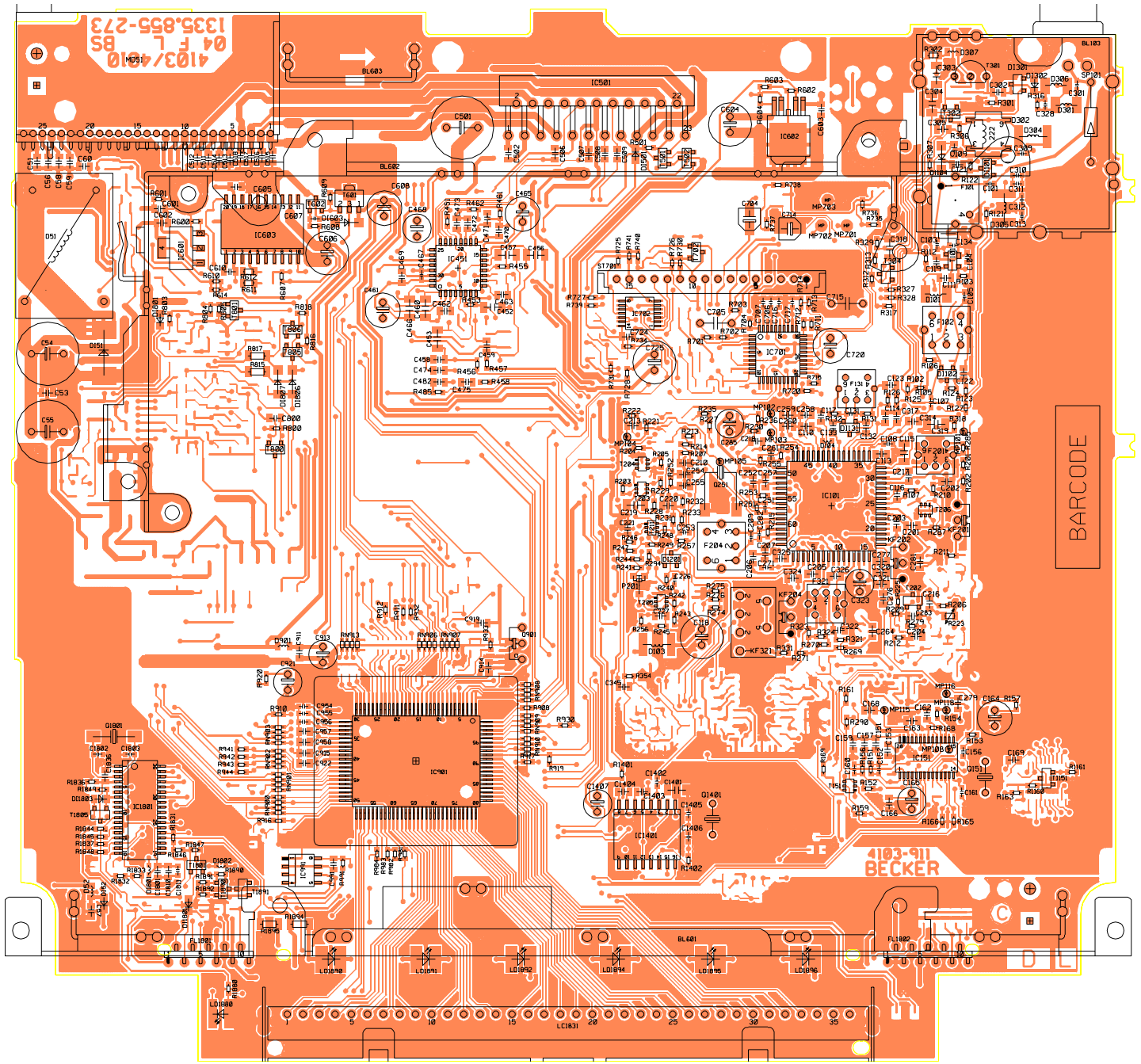
Front 9090 BS-07FL 5

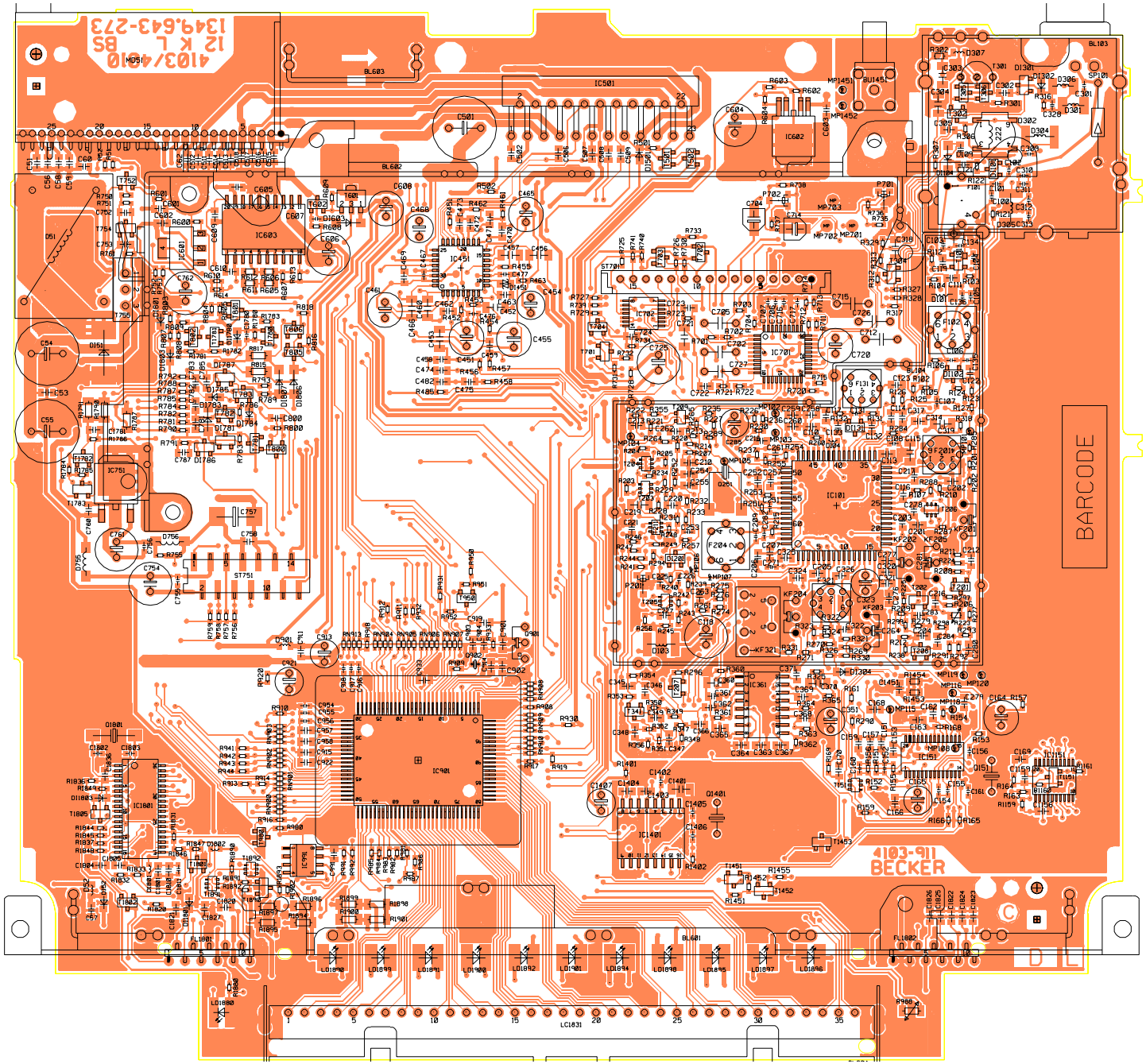


4103-9080-BS-07FL



4103-9090-BS-07FL


4103/4010
04 F L BS
1335.855-273
BARCODE
4103-911
BECKER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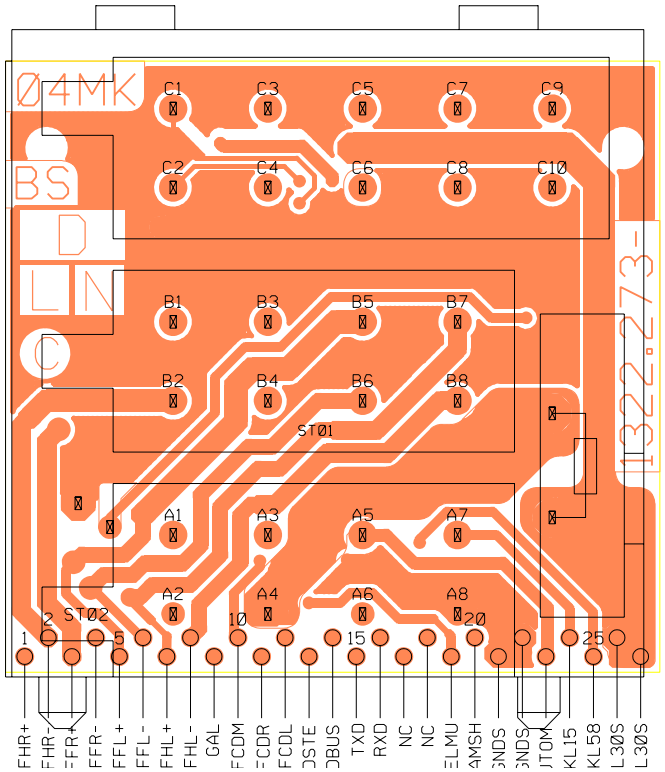
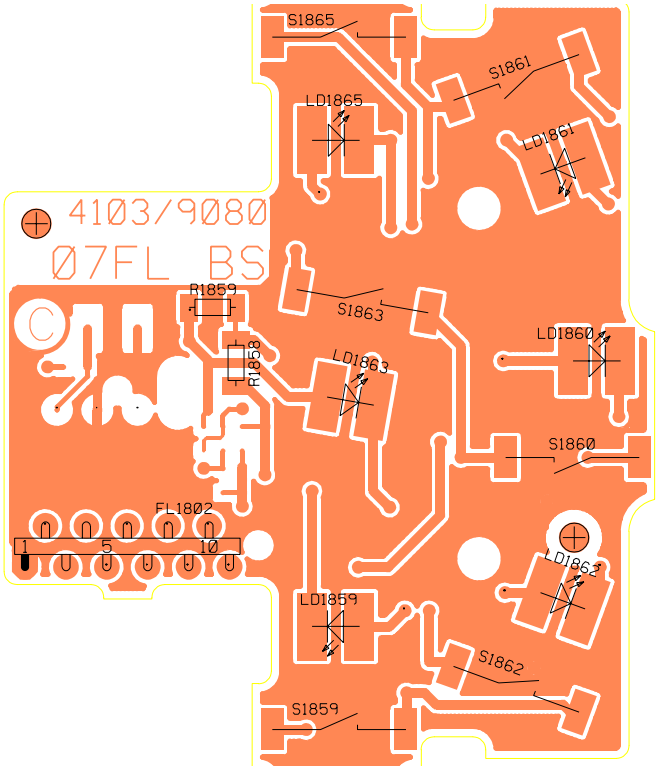
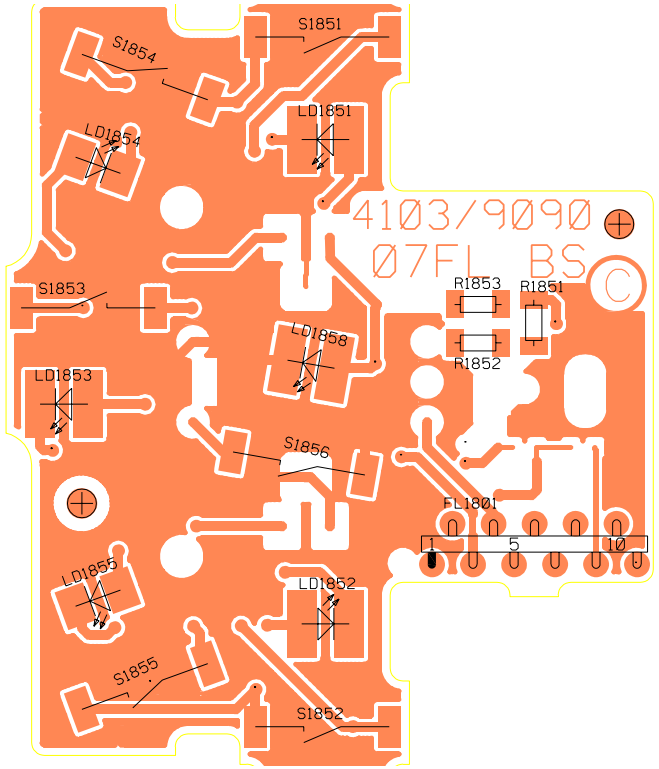
BECKER


Ø4MK
BS
D
LN
C
1322.273-
C1
C3
C5
C7
C9
C2
C4
C6
C8
C10
B1
B3
B5
B7
B2
B4
B6
B8
ST01
A1
A3
A5
A7
A2
A4
A6
A8
ST02
1
2
5
10
15
20
25
FHR+
FHR-
FFR+
FFR-
FFL+
FFL-
FHL+
FHL-
GAL
FCDM
FCDR
FCDL
OSTE
OBUS
TXD
RXD
NC
NC
ELMU
AMSH
GNDS
GNDS
JTOM
KL15
KL58
L30S
L30S


4103/9080
07FL BS
S1865
S1861
LD1865
LD1861
R1859
S1863
R1858
LD1863
LD1860
S1860
FL1802
1
5
10
LD1862
LD1859
S1862
S1859


4103/9090
07FL BS
S1851
S1854
LD1851
LD1854
R1853
R1851
S1853
R1852
LD1858
LD1853
S1856
FL1801
1
5
10
LD1855
LD1852
S1855
S1852

Pos.	Best.-Nr.	Benennung
1	1284614	CHASSIS VMT
2	1237410	DECKEL CHASSIS
3	1284622	HALTEFEDER RECHTS
4	1284630	HALTEFEDER LINKS
5	1252739	KUEHLKOERPER VMT 3310 WGR11318.00
6	1246917	IC-HALTER
7	1248316	ZB RAHMEN, ABSCHIRM-HF- M.ANT.BUCHSE3130
8	1322281	ZB CONNECTOR 26POL (4103)D&R 3 700 03 01
9	1231855	HALTER ANTENNENKABEL
10	1320785	FRONTWAND
11	1317431	TAPEDECK
12		BEDIENAUFSATZ KLP NICHT LIEFERBAR
13	1320572	ZIERBLENDE KPL
14	1322321	PCB 9080 FRONT RECHTS
15	1322303	PCB 9090 FRONT LINKS
16	1324020	FLEXLEITUNG 11POL 4103
17	1324659	HALTER, FLEXLEITUNG 4103
18	1320874	HALTER, IR 4503
19	1320971	HALTERAHMEN (PC BOARD FRONT)
20	1320823	RAHMEN, LCD 4103
21	1320858	REFLEKTOR, LCD 4103
22	1248081	LCD TIM TCM-823 ABGEW (LC1831)
23	1320742	LICHTLEITER, ANIT-THEFT
24	1284177	DREHKNOPF KPL
25	1320726	VERSCHLUSSKLAPPE
26	1348175	DAZU DREHFEDER
C101	1246380	KEKO-CH 3P9 C NP0 0603 BAW SPE0031A315
C103	1237683	KEKO-CH 4P7 J NP0 0603 BAW SPE0030A315
C104	1223968	KEKO-CH 33P J NP0 0603 BAW SPE0030A315
C105	1223976	KEKO-CH 47P J NP0 0603 BAW SPE0030A315
C107	1243012	KEKO-CH 27P J NPO 0603 BAW SPE0030A315
C108	1223941	KEKO-CH 18P J NP0 0603 BAW SPE0030A315
C109	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C110	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C111	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C113	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C114	1283499	KEKO-CH 1U K X7R 0805 10V MUR GRM 40
C115	1246321	KEKO-CH 220N K X7R 1206 BAW SPE0036A315
C116	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C117	1119222	KEKO-CH 470P K X7R 0805 BAW SPE0015A315
C118	1306170	AL-ELKO 100U M 1000/85G NCC SRM-VB RM2,5
C119	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C121	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C122	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C123	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C131	1238787	KEKO-CH 5P6 J NP0 0603 BAW SPE0030A315

C132	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C133	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C134	1226991	KEKO-CH 2P2 J NP0 0603 BAW SPE0030A315
C1401	1283235	KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6
C1402	1275992	KEKO-CH 330P J NP0 0603 BAW SPE0030A315
C1403	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C1404	1156561	KEKO-CH 560P J NP0 0805 BAW SPE0003A315
C1405	1223976	KEKO-CH 47P J NP0 0603 BAW SPE0030A315
C1406	1234463	KEKO-CH 82P J NP0 0603 BAW SPE0030A315
C1407	1243934	AL-ELKO 10U M 16V G BAW SPE0069A31 RM2,5
C151	1257821	KEKO-CH 6N8 K B 0805 50V PDAG MUR GRM425
C152	1223992	KEKO-CH 150P J NP0 0603 BAW SPE0030A315
C153	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C156	1234536	KEKO-CH 100P J NP0 0603 BAW SPE0030A315
C157	1119176	KEKO-CH 22N J X7R 0805 BAW SPE0014A315
C159	1119222	KEKO-CH 470P K X7R 0805 BAW SPE0015A315
C160	1252690	KEKO-CH 470P J NP0 0603 BAW SPE0030A315
C161	1223933	KEKO-CH 15P J NP0 0603 BAW SPE0030A315
C162	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C163	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C164	1172050	AL-ELKO 47U M 16V G BAW SPE0060A31 RM2,5
C165	1243934	AL-ELKO 10U M 16V G BAW SPE0069A31 RM2,5
C166	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C168	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C169	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
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C1802	1223951	KEKO-CH 22P J NP0 0603 BAW SPE0030A315
C1803	1223951	KEKO-CH 22P J NP0 0603 BAW SPE0030A315
C1810	1166751	KEKO-CH 4N7 K X7R 0805 BAW SPE0015A315
C1811	1234536	KEKO-CH 100P J NP0 0603 BAW SPE0030A315
C1836	1166751	KEKO-CH 4N7 K X7R 0805 BAW SPE0015A315
C201	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C202	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C203	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C204	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C205	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C206	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C207	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C209	1234536	KEKO-CH 100P J NP0 0603 BAW SPE0030A315
C210	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C213	1119192	KEKO-CH 33N K X7R 0805 BAW SPE0015A315
C216	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C217	1290681	KEKO-CH 330P J P2H 0805 50V MUR GRM40
C218	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C219	1283235	KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6
C220	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C221	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315

C226	1275992	KEKO-CH 330P J NP0 0603 BAW SPE0030A315
C227	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C251	1320513	KEKO-CH 75P J NPO 0603 BAW SPE0030A315
C252	1283499	KEKO-CH 1U K X7R 0805 10V MUR GRM 40
C253	1223951	KEKO-CH 22P J NP0 0603 BAW SPE0030A315
C254	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C255	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C257	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C258	1283499	KEKO-CH 1U K X7R 0805 10V MUR GRM 40
C259	1166409	KEKO-CH 6N8 J X7R 0805 BAW SPE0014A315
C260	1166409	KEKO-CH 6N8 J X7R 0805 BAW SPE0014A315
C261	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C264	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C271	1277790	KEKO-CH 680P J COH 0603 25V G MUR GRM39
C276	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C277	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C279	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C281	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C282	1301497	KEKO-CH 47P J P2H 0603 MUR GRM39
C283	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C285	1243934	AL-ELKO 10U M 16V G BAW SPE0069A31 RM2,5
C301	1230077	KEKO-CH 1N J NPO 0603 50V SPE0060A315
C302	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C303	1246321	KEKO-CH 220N K X7R 1206 BAW SPE0036A315
C304	1246321	KEKO-CH 220N K X7R 1206 BAW SPE0036A315
C305	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C309	1223976	KEKO-CH 47P J NP0 0603 BAW SPE0030A315
C310	1223984	KEKO-CH 68P J NP0 0603 BAW SPE0030A315
C311	1223941	KEKO-CH 18P J NP0 0603 BAW SPE0030A315
C312	1223941	KEKO-CH 18P J NP0 0603 BAW SPE0030A315
C313	1223968	KEKO-CH 33P J NP0 0603 BAW SPE0030A315
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C318	1283235	KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6
C319	1283235	KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6
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C322	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C323	1173278	AL-ELKO 4U7 M 25V G BAW SPE0071A31 RM2,5
C324	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C325	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C326	1218506	KEKO-CH 1N J U2J 0805 MUR GRM40
C328	1259253	KEKO-CH 220P J NPO 0603 BAW SPE0030A315
C345	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C452	1246321	KEKO-CH 220N K X7R 1206 BAW SPE0036A315
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C456	1246321	KEKO-CH 220N K X7R 1206 BAW SPE0036A315

C457	1246321	KEKO-CH 220N K X7R 1206 BAW SPE0036A315
C458	1156624	KEKO-CH 820P J NP0 0805 BAW SPE0003A315
C459	1156624	KEKO-CH 820P J NP0 0805 BAW SPE0003A315
C460	1083945	KEKO-CH 2N7 J NP0 1206 BAW SPE0007A315
C461	1258877	AL-ELKO 4U7 M 50V G BAW SPE0049A31 RM2,5
C462	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C463	1182943	KEKO-CH 47N K X7R 0805 BAW SPE0015A315
C465	1258877	AL-ELKO 4U7 M 50V G BAW SPE0049A31 RM2,5
C466	1083945	KEKO-CH 2N7 J NP0 1206 BAW SPE0007A315
C467	1223976	KEKO-CH 47P J NP0 0603 BAW SPE0030A315
C468	1171879	AL-ELKO 1U M 50V G BAW SPE0042A312 RM2,5
C469	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C470	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C471	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
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C473	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C474	1119192	KEKO-CH 33N K X7R 0805 BAW SPE0015A315
C475	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C482	1119176	KEKO-CH 22N J X7R 0805 BAW SPE0014A315
C501	1186973	AL-ELKO 1M M 25V G BAW SPE0074A312-RM5
C502	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C506	1317148	KEKO-CH 470N K X7R 0805 25V MUR GRM40
C507	1317148	KEKO-CH 470N K X7R 0805 25V MUR GRM40
C508	1317148	KEKO-CH 470N K X7R 0805 25V MUR GRM40
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C51	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C511	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C512	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C513	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
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C516	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C517	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C518	1119060	KEKO-CH 1N K X7R 0805 BAW SPE0015A315
C53	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C54	1186973	AL-ELKO 1M M 25V G BAW SPE0074A312-RM5
C55	1186973	AL-ELKO 1M M 25V G BAW SPE0074A312-RM5
C56	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C57	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C58	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C59	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C60	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C601	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C602	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C603	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C604	1251694	AL-ELKO 120U M 2000/105 16V NCC LXY-VB-
C605	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315

C606	1253360	AL-ELKO 56U M 2000/105 16V NCC SXE-VB F0
C607	1234536	KEKO-CH 100P J NP0 0603 BAW SPE0030A315
C608	1249150	AL-ELKO 22U M 16V BAW SPE0067A312-RM2,5
C610	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C704	1307797	ALKO-CH 4U7 M 25V I G BAW SPE0164A312
C705	1281283	FOKO 15N J 63V G BAW SPE0010A314 RM5
C706	1275992	KEKO-CH 330P J NP0 0603 BAW SPE0030A315
C707	1275992	KEKO-CH 330P J NP0 0603 BAW SPE0030A315
C714	1307797	ALKO-CH 4U7 M 25V I G BAW SPE0164A312
C715	1281283	FOKO 15N J 63V G BAW SPE0010A314 RM5
C716	1275992	KEKO-CH 330P J NP0 0603 BAW SPE0030A315
C717	1275992	KEKO-CH 330P J NP0 0603 BAW SPE0030A315
C720	1249150	AL-ELKO 22U M 16V BAW SPE0067A312-RM2,5
C724	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C725	1172085	AL-ELKO 100U M 16V G BAW SPE0063A3 RM2,5
C800	1119125	KEKO-CH 10N K X7R 0805 BAW SPE0015A315
C911	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C913	1172018	AL-ELKO 22U M 16V G BAW SPE0056A31 RM2,5
C914	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C915	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C919	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C921	1172018	AL-ELKO 22U M 16V G BAW SPE0056A31 RM2,5
C922	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C954	1296116	KEKO-CH 3N9 K X7R 0603 50V BAW SPE0032A3
C955	1234536	KEKO-CH 100P J NP0 0603 BAW SPE0030A315
C956	1234536	KEKO-CH 100P J NP0 0603 BAW SPE0030A315
C957	1119176	KEKO-CH 22N J X7R 0805 BAW SPE0014A315
C958	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
C991	1246348	KEKO-CH 100N K X7R 0805 BAW SPE0035A315
D101	1149326	DROSSEL-CH 0,68UH K G SIE B82422-A3681-K
D103	1289950	DROSSEL-CH 10UH K G SIE B82432-A1103-K
D104	1242164	INDUCTOR-CH G MUR BLM11B141D
D1801	1227221	INDUCTOR-CH G MUR BLM11A221S
D1802	1227221	INDUCTOR-CH G MUR BLM11A221S
D301	1178237	DROSSEL-CH 2,2UH K G SIE B82422-A1222-K
D302	1249398	DROSSEL-CH 2,2MH K G MSI C6-R/3333
D304	1252615	DROSSEL-CH 220UH K G SIE B82432-S1224-K
D305	1252615	DROSSEL-CH 220UH K G SIE B82432-S1224-K
D306	1148494	DROSSEL-CH 0,47UH J G SIE B82422-A3471-J
D307	1241214	INDUCTOR-CH G MUR BLM21B751S
D51	1244922	DROSSEL,BATT.- 200UH VOG 5730409900
D52	1237705	INDUCTOR-CH G MUR BLM21A601S
D901	1237705	INDUCTOR-CH G MUR BLM21A601S
DI101	1217186	DIODE-CH SIE BB914 G
DI102	1217186	DIODE-CH SIE BB914 G
DI104	1225529	DIODE-CH TEL S391D G
DI131	1217186	DIODE-CH SIE BB914 G

DI1801	1345532	DIODE-CH ROH 1SS355
DI1803	1345532	DIODE-CH ROH 1SS355
DI201	1043587	DIODE-CH BAW BAW56 SHIP-TO ST.G SPE0028A
DI301	1229788	DIODE-CH BAW BA779-2/1SV234/DPA05 G SPE
DI302	1345532	DIODE-CH ROH 1SS355
DI501	1345532	DIODE-CH ROH 1SS355
DI51	1179683	DIODE-CH GIC S3B G
DI52	1345532	DIODE-CH ROH 1SS355
DI603	1118757	DIODE-CH BAW 6V8 5% SHIP-TO-STOCK G SPE0
DI801	1345532	DIODE-CH ROH 1SS355
DI806	0672513	DIODE-CH BAW 12V SOD80 SHIP-TO-ST.G 0012
DI807	0672513	DIODE-CH BAW 12V SOD80 SHIP-TO-ST.G 0012
F101	1295004	FILTER, FMZ- 100MHZ TOK MC122 E528ENAS-1
F102	1253395	FILTER, FMZ- 100MHZ TOK/P666SNS-256Z-RT
F131	1284827	FILTER,AMO/FMO-120MHZ TOK VAG,VWA,GEA
F201	1290568	FILTER, FM-ZF- 10,7MHZ TOK 5PAG-C805PN-
F204	1291637	FILTER,FM-PHASENKR.-10,7MHZ MSI RA7008-2
F321	1247115	FILTER, AM-ZF- 450KHZ TOK 5PAG (C805LN-0
IC101	1309404	IC-CH SIE TUA 4306 B3 MQFP64/1 G
IC1401	1155431	IC-CH PHI SAA6579T/V1 SHIP-TO-STOCK
IC151	1283510	IC-CH SGT TDA 7427 AD (TSSOP28) G
IC1801	1299662	IC-CH NEC UPD 754302-3200-04/98
IC451	1246178	IC-CH SGT TDA7342TR G
IC501	1271180	IC PHI TDA8569Q /N1
IC601	1240481	IC-CH SIE BSP452 G
IC602	1322680	IC-CH SIE TLE 4276 DV P-TO252-5-1
IC603	1246674	IC-CH SIE TLE4269GL P-DSO20-6 G
IC701	1270265	IC-CH SOY CXA2509AQ-T4
IC702	1312065	IC-CH PHI 74HC03-TSSOP14 G
IC901	1353632	IC-CH BAW UPD 780308-4103-06/00 4103
IC991	1220731	IC-CH AMC 24LC02BTI/SN G
KF201	1357972	K-FILT MUR SFE 10,7MHZ MS3A10GJ28-S-TF21
KF202	1357972	K-FILT MUR SFE 10,7MHZ MS3A10GJ28-S-TF21
KF204	1357980	K-FILT.MUR SFE 10,7MHZ MJA10J28-S-TF21
KF321	1237721	KERA-FILTER MUR CFWS 450 HT
LC1831	1248081	LCD TIM TCM-823 ABGEW
LD1851	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1852	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1853	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1854	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1855	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1858	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1859	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1860	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1861	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1862	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1863	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228

LD1865	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1880	1252781	LED-CH SIE LSA670-K G -S/RT
LD1890	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1891	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1892	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1894	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1895	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
LD1896	1285122	LED-CH SIE LYT670E9349 K2/U Q62703-Q4228
P201	1246615	TRIWID-CH 10K 0,10W MUR POZ3AN1-103N-T00
Q1401	1277898	QUARZ 4,332MHZ G NDK AT-51
Q151	1280279	QUARZ 10,250 MHZ G NDK AT-51 M.ISOPL.
Q1801	1171501	KERA-RESON-CH MUR CSAC 4,19 MGCA G
Q251	1295268	KERA-RESON-CH MUR CSBF456 JF 239
Q901	1246216	KERA-RESONATOR MUR CST 5,00MGW 0,5% G
R102	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R103	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R105	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R106	1271199	MEGWI-CH 56K F 0603 G BAW SPE0028A323
R107	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R112	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R1160	1305085	MEGWI-CH 820K F 0603 BAW SPE0028A323
R1161	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R121	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R122	1271199	MEGWI-CH 56K F 0603 G BAW SPE0028A323
R123	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R124	1271199	MEGWI-CH 56K F 0603 G BAW SPE0028A323
R125	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R126	1285564	MEGWI-CH 4K7 F 0603 G BAW SPE0028A323
R127	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R131	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R132	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R1401	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R1402	1304437	MEGWI-CH 820R F 0603 BAW SPE0027A323
R151	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R152	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R153	1253700	MEGWI-CH 8K2 F 0603 G BAW SPE0028A323
R154	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R156	1305001	MEGWI-CH 33K F 0603 BAW SPE0028A323
R157	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R159	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R161	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R163	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R165	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R166	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R168	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R169	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R1831	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323

R1832	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R1833	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R1836	1305158	MEGWI-CH 100K F 0603 BAW SPE0028A323
R1837	1305093	MEGWI-CH 1M F 0603 BAW SPE0028A323
R1844	1305158	MEGWI-CH 100K F 0603 BAW SPE0028A323
R1845	1305093	MEGWI-CH 1M F 0603 BAW SPE0028A323
R1846	1305158	MEGWI-CH 100K F 0603 BAW SPE0028A323
R1847	1305158	MEGWI-CH 100K F 0603 BAW SPE0028A323
R1848	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R1849	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R1851	1226738	MEGWI-CH 2K7 F 1206 BAW SPE0016A323
R1852	1226789	MEGWI-CH 4K7 F 1206 BAW SPE0016A323
R1853	1226797	MEGWI-CH 5K6 F 1206 BAW SPE0016A323
R1858	1226738	MEGWI-CH 2K7 F 1206 BAW SPE0016A323
R1859	1226754	MEGWI-CH 3K3 F 1206 BAW SPE0016A323
R1880	1304331	MEGWI-CH 180R F 0603 BAW SPE0027A323
R1890	1285564	MEGWI-CH 4K7 F 0603 (LAYOUT 4010-04FL)
R1890	1254332	MEGWI-CH 47K F 0603 (LAYOUT 4010-12KL)
R1891	1297041	MEGWI-CH 10K F 0603 (LAYOUT 4010-04FL)
R1891	1254022	MEGWI-CH 2K2 F 0603 (LAYOUT 4010-12KL)
R1892	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R1893	1304380	MEGWI-CH 330R F 0603 BAW SPE0027A323
R1894	1303562	MEGWI-CH 1K2 F 1206 BAW SPE0016A323
R1895	1303562	MEGWI-CH 1K2 F 1206 BAW SPE0016A323
R1896	1303503	MEGWI-CH 510R F 1206 BAW SPE0015A323
R1897	1303503	MEGWI-CH 510R F 1206 BAW SPE0015A323
R201	1304364	MEGWI-CH 270R F 0603 BAW SPE0027A323
R202	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R203	1254448	MEGWI-CH 27K F 0603 G BAW SPE0028A323
R204	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R205	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R206	1304232	MEGWI-CH 47R F 0603 G BAW SPE0027A323
R207	1254431	MEGWI-CH 20K F 0603 G BAW SPE0028A323
R209	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R210	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R211	1304399	MEGWI-CH 390R F 0603 BAW SPE0027A323
R212	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R213	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R214	1246623	MEGWI-CH 430K F 0603 G BAW SPE0028A323
R215	1304496	MEGWI-CH 3K9 F 0603 G BAW SPE0028A323
R221	1258478	MEGWI-CH 15K F 0603 BAW SPE0028A323
R222	1258486	MEGWI-CH 39K F 0603 BAW SPE0028A323
R223	1257838	NTCWI-CH 220R J 0805 SIE B57620-C221-J62
R225	1304380	MEGWI-CH 330R F 0603 BAW SPE0027A323
R227	1282700	MEGWI-CH 120K F 0603 G BAW SPE 0028A323
R228	1282662	MEGWI-CH 180K F 0603 G BAW SPE0028A323
R229	1304488	MEGWI-CH 2K7 F 0603 BAW SPE0028A323

R230	1313185	MEGWI-CH 51K F 0603 G BAW SPE 0028 A 323
R231	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R232	1305131	MEGWI-CH 68K F 0603 BAW SPE0028A323
R233	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R235	1254340	MEGWI-CH 270K F 0603 G BAW SPE0028A323
R236	1305018	MEGWI-CH 150K F 0603 BAW SPE0028A323
R240	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R241	1271202	MEGWI-CH 220K F 0603 G BAW SPE0028A323
R242	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R243	1305069	MEGWI-CH 560K F 0603 BAW SPE0028A323
R244	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R245	1304402	MEGWI-CH 470R F 0603 BAW SPE0027A323
R246	1305131	MEGWI-CH 68K F 0603 BAW SPE0028A323
R247	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R248	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R249	1285564	MEGWI-CH 4K7 F 0603 G BAW SPE0028A323
R251	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R252	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R253	1305158	MEGWI-CH 100K F 0603 BAW SPE0028A323
R254	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R255	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R256	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R257	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R269	1304356	MEGWI-CH 240R F 0603 G BAW SPE0027A323
R270	1304267	MEGWI-CH 75R F 0603 BAW SPE0027A323
R271	1304356	MEGWI-CH 240R F 0603 G BAW SPE0027A323
R274	1277588	MEGWI-CH 330K F 0603 G BAW SPE 0028A323
R275	1302965	MEGWI-CH 130K F 0603 G BAW SPE0028A323
R276	1305158	MEGWI-CH 100K F 0603 BAW SPE0028A323
R279	1285564	MEGWI-CH 4K7 F 0603 G BAW SPE0028A323
R285	1304402	MEGWI-CH 470R F 0603 BAW SPE0027A323
R287	1305158	MEGWI-CH 100K F 0603 BAW SPE0028A323
R290	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R294	1305050	MEGWI-CH 470K F 0603 BAW SPE0028A323
R301	1305050	MEGWI-CH 470K F 0603 BAW SPE0028A323
R302	1304852	MEGWI-CH 47R F 0805 G BAW SPE0017A323
R306	1254022	MEGWI-CH 2K2 F 0603 G BAW SPE0028A323
R307	1304178	MEGWI-CH 18R F 0603 BAW SPE0027A323
R312	1304402	MEGWI-CH 470R F 0603 BAW SPE0027A323
R313	1288415	MEGWI-CH 6K8 F 0603 G BAW SPE 0028A323
R316	1304259	MEGWI-CH 68R F 0603 BAW SPE0027A323
R317	1304380	MEGWI-CH 330R F 0603 BAW SPE0027A323
R318	1305093	MEGWI-CH 1M F 0603 BAW SPE0028A323
R321	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R323	1304399	MEGWI-CH 390R F 0603 BAW SPE0027A323
R324	1304380	MEGWI-CH 330R F 0603 BAW SPE0027A323
R327	1258478	MEGWI-CH 15K F 0603 BAW SPE0028A323

R328	1304461	MEGWI-CH 1K5 F 0603 G BAW SPE0028A323
R329	1285564	MEGWI-CH 4K7 F 0603 G BAW SPE0028A323
R331	1281811	MEGWI-CH 1K8 F 0603 G BAW SPE0028A323
R354	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R451	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R453	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R455	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R456	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R457	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R458	1254022	MEGWI-CH 2K2 F 0603 G BAW SPE0028A323
R461	1302728	MEGWI-CH 6K2 F 0603 G BAW SPE0028A323
R462	1302728	MEGWI-CH 6K2 F 0603 G BAW SPE0028A323
R485	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R501	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R600	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R601	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R602	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R603	1254421	MEGWI-CH 12K F 0603 G BAW SPE0028A323
R604	1294210	MEGWI-CH 30K F 0603 G BAW SPE0028A323
R607	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R608	1304283	MEGWI-CH 100R F 0603 BAW SPE0027A323
R609	1304364	MEGWI-CH 270R F 0603 BAW SPE0027A323
R610	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R611	1215647	MEGWI-CH 220K F 0805 G BAW SPE0019A323
R612	1159569	MEGWI-CH 47K F 0805 G BAW SPE0018A323
R614	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R701	1304526	MEGWI-CH 11K F 0603 G TK100 BAW SPE0028A
R702	1248197	MEGWI-CH 18K F 0603 G BAW SPE0028A323
R703	1335731	MEGWI-CH 240K F 0603 G BAW SPE0028A323
R704	1304313	MEGWI-CH 130R F 0603 G BAW SPE0027A323
R711	1304526	MEGWI-CH 11K F 0603 G TK100 BAW SPE0028A
R712	1248197	MEGWI-CH 18K F 0603 G BAW SPE0028A323
R713	1335731	MEGWI-CH 240K F 0603 G BAW SPE0028A323
R714	1304313	MEGWI-CH 130R F 0603 G BAW SPE0027A323
R715	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R720	1248197	MEGWI-CH 18K F 0603 G BAW SPE0028A323
R725	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R726	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R727	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R728	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R730	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R731	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R734	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R735	1285564	MEGWI-CH 4K7 F 0603 G BAW SPE0028A323
R736	1285564	MEGWI-CH 4K7 F 0603 G BAW SPE0028A323
R737	1285564	MEGWI-CH 4K7 F 0603 G BAW SPE0028A323
R738	1285564	MEGWI-CH 4K7 F 0603 G BAW SPE0028A323

R739	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R740	1254022	MEGWI-CH 2K2 F 0603 G BAW SPE0028A323
R741	1304232	MEGWI-CH 47R F 0603 G BAW SPE0027A323
R800	1254456	MEGWI-CH 82K F 0603 G BAW SPE0028A323
R803	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R804	1305131	MEGWI-CH 68K F 0603 BAW SPE0028A323
R805	1258478	MEGWI-CH 15K F 0603 BAW SPE0028A323
R815	1303491	MEGWI-CH 470R F 1206 G BAW SPE0015A323
R816	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R817	1303491	MEGWI-CH 470R F 1206 G BAW SPE0015A323
R818	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R908	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R910	1254332	MEGWI-CH 47K F 0603 G BAW SPE0028A323
R911	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R912	1304445	MEGWI-CH 1K F 0603 BAW SPE0028A323
R916	1304380	MEGWI-CH 330R F 0603 BAW SPE0027A323
R917	1304380	MEGWI-CH 330R F 0603 BAW SPE0027A323
R919	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R920	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
R930	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R932	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R933	1227661	MEGWI-CH 0R 0603 BAW SPE0025A323
R941	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R942	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R943	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R944	1297058	MEGWI-CH 22K F 0603 G BAW SPE0028A323
R981	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R982	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R983	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R984	1297041	MEGWI-CH 10K F 0603 G BAW SPE0028A323
R991	1304161	MEGWI-CH 10R F 0603 BAW SPE0027A323
RN900	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN901	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN902	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN903	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN906	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN907	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN908	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN909	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN910	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
RN913	1298720	WID-NETZ 4X1K J ROH MNR14 E0ABJ102
S1851	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1852	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1853	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1854	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1855	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1856	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G

S1859	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1860	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1861	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1862	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1863	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
S1865	1236903	TASTSCHALTER 1XA ALP SKPGAB -WS G
SP101	1341121	UEBERSPG-ABLEITER MMC DSP-201M-A21R GBG
ST701	1327186	STIFTLEISTE 16POL MOL 53244-1617
T101	1258680	TRANSISTOR-CH TEL S949TR G
T1151	1303317	TRANSISTOR-CH SAY 2SC2814 F4+F5 NPN G
T151	1289772	TRANSISTOR-CH SIE BCR 198S PNP G
T1801	0659614	TRANSISTOR-CH BAW BC848B G SPE0003A
T1805	1239066	TRANS.-CH BAW KRC104S/BCR148/DTC144
T1890	0659614	TRANSISTOR-CH BAW BC848B G SPE0003A
T1891	1028006	TRANSISTOR-CH BAW BC817-40 (LAYOUT 4010-04FL)
T1891	1289799	TRANSISTOR-CH SIE BCR 108S (LAYOUT 4010-12KL)
T1892	1289799	TRANSISTOR-CH SIE BCR 108S NPN G
T202	1303317	TRANSISTOR-CH SAY 2SC2814 F4+F5 NPN G
T203	1290924	TRANSISTOR-CH SIE BC847PN G
T204	1307541	TRANSISTOR-CH SIE BC847S NPN G
T205	1307541	TRANSISTOR-CH SIE BC847S NPN G
T206	1289799	TRANSISTOR-CH SIE BCR 108S NPN G
T211	1307551	TRANSISTOR-CH SIE BC857S PNP G
T301	1180576	TRANSISTOR BAW J109/110 SELEKT.G SP
T302	0659622	TRANSISTOR-CH BAW BC848C G SPE0004A302
T304	1361848	TRANSISTOR-CH BAW BC857C G SPE0064A302
T501	1172654	TRANSISTOR-CH BAW KRA103S/DTA124 PN
T502	1172646	TRANSISTOR-CH BAW KRC103S/DTC124 NP
T601	1002643	TRANSISTOR-CH SIE BCX54-16 G
T602	1361848	TRANSISTOR-CH BAW BC857C G SPE0064A302
T702	1253611	TRANSISTOR-CH BAW BCR158/DTA123JC SPE006
T800	1172646	TRANSISTOR-CH BAW KRC103S/DTC124 NP
T801	0659614	TRANSISTOR-CH BAW BC848B G SPE0003A
T805	0659614	TRANSISTOR-CH BAW BC848B G SPE0003A
T806	0659614	TRANSISTOR-CH BAW BC848B G SPE0003A

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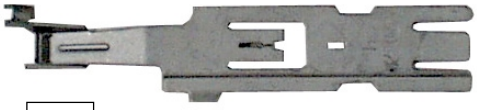

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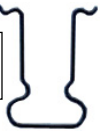

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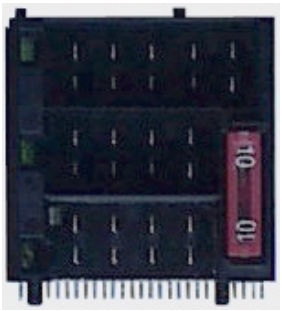

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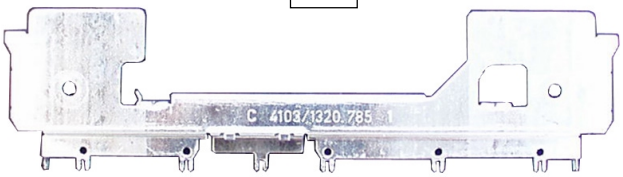

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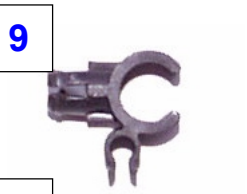

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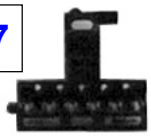

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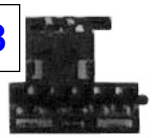

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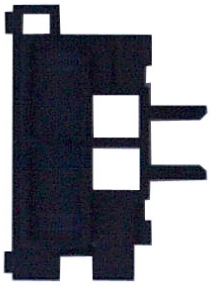

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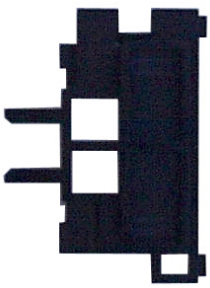

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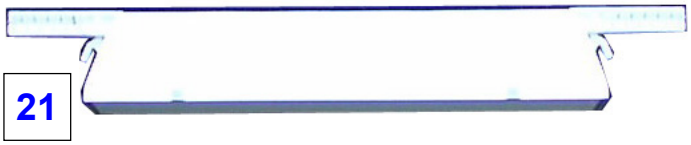

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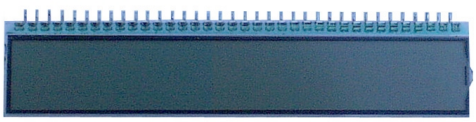

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